

Folio

~~P.B.~~

~~O.S.~~

Rebound 1942

HARVARD UNIVERSITY.



LIBRARY

OF THE

MUSEUM OF COMPARATIVE ZOOLOGY.

DEPOSITED BY

ALEXANDER AGASSIZ.

6142

Fig. 1.

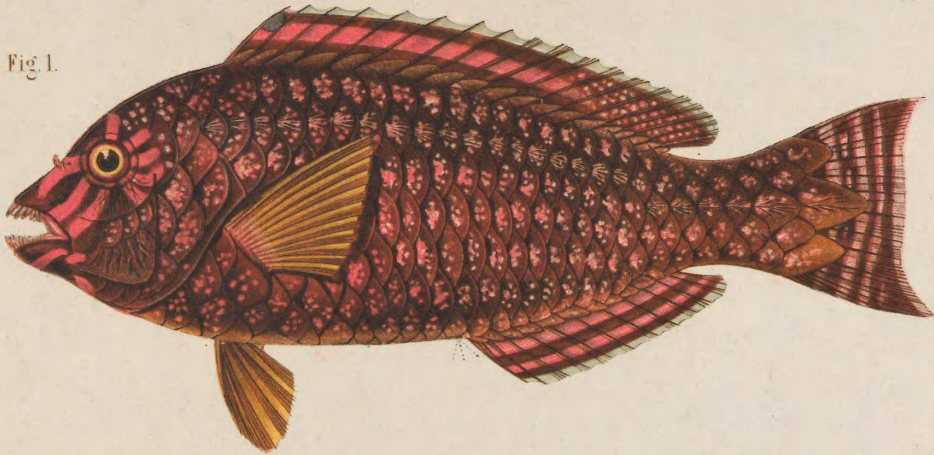
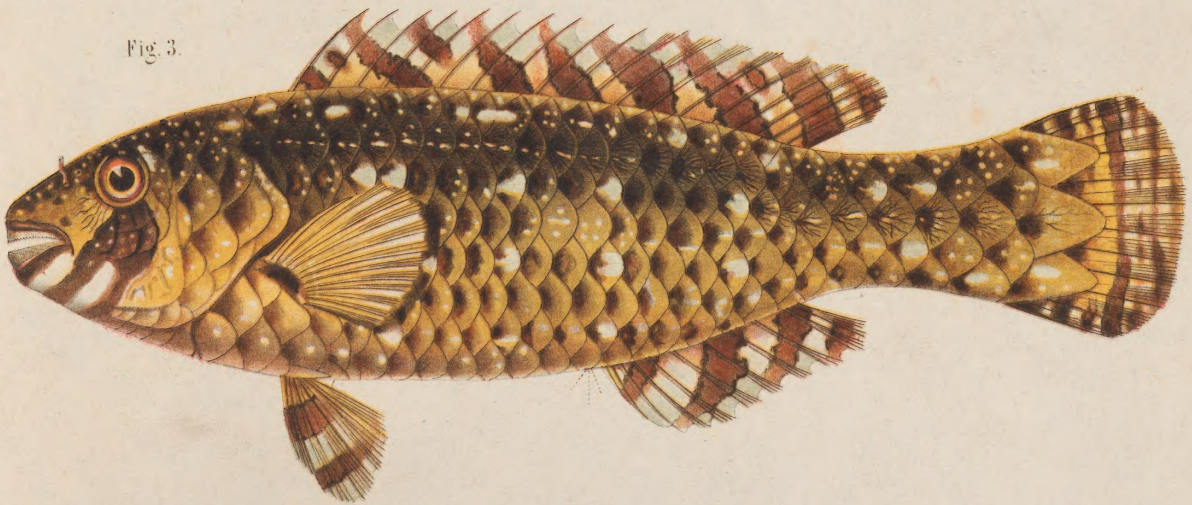


Fig. 2.



Fig. 3.



P. Bleeker del.

L. Speigler delin.

Chromolith. de CW Meising.

Fig. 1. *Calligodon genistriatus* Val. P. Fig. 2. *Thalassoma coeruleopunctatus* Blkr. Fig. 3. *Thalassoma auritus* Blkr.

**BLANK
PAGE**

Fig 1.



Fig 2.



Fig 3.

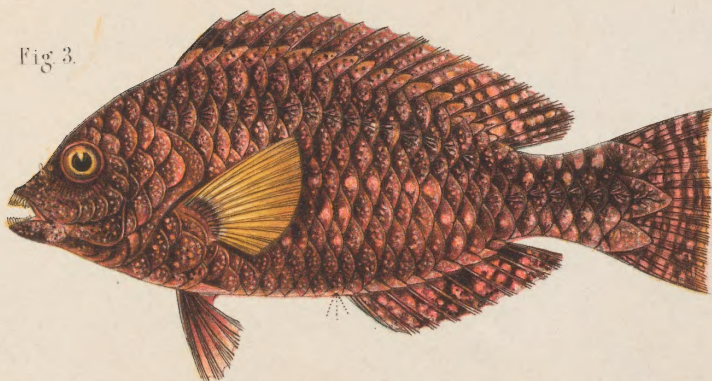
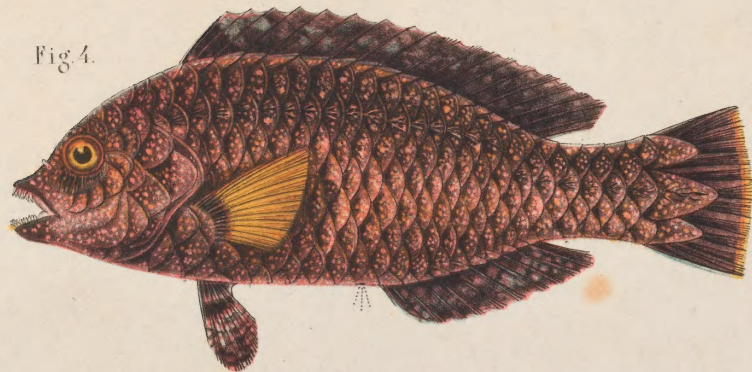


Fig 4.



P. Bleeker del.

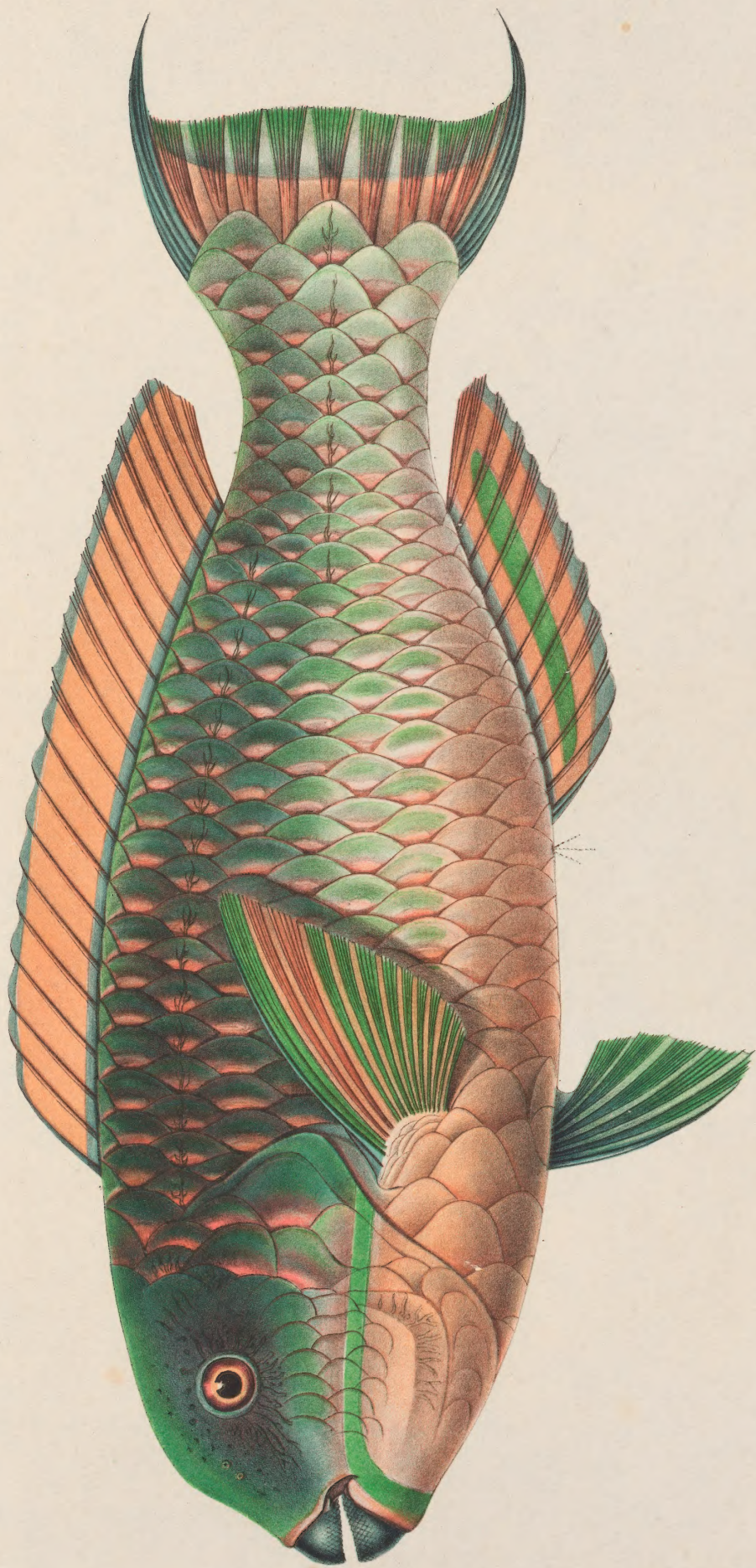
L. Speigler delin.

Chromolith. de C.W. Meeling.

Fig. 1. *Calligodon melanocentris* Blek. Fig. 2. *Calligodon spinidens* Luc. Fig. 3. *Calligodon brachycentrus* Blek. Fig. 4. *Calligodon aureolatus* Luc.

M.C.Z.
1/2 sheep
Bleeker
M. Ichthyologie
P. Bleeker. Nanchas.
1. 2.

**BLANK
PAGE**



**BLANK
PAGE**

Fig. 1.

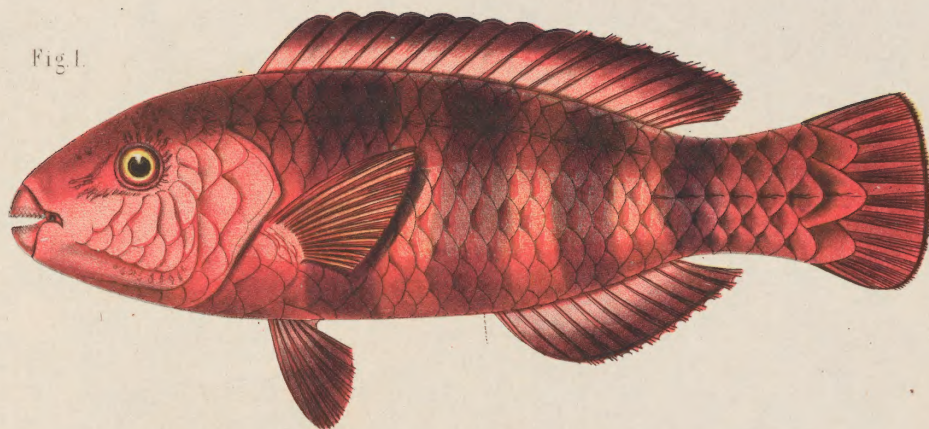
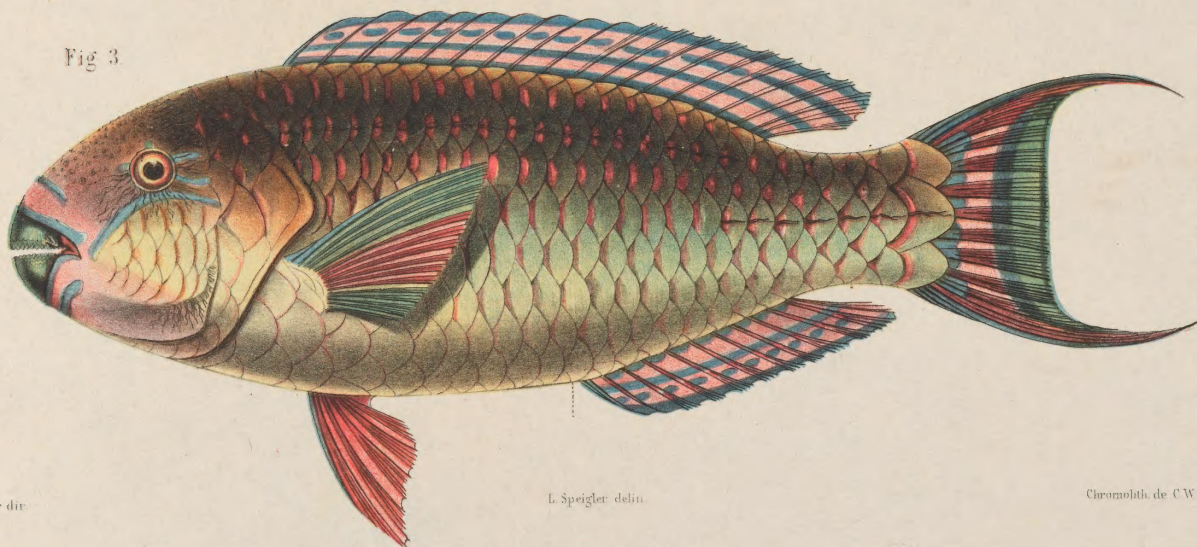


Fig. 2.



Fig. 3.



P. Bleeker del.

L. Speigler delin.

Chromolith. de C. W. Meising.

Fig. 1. *Pseudoscarus rhodocropterus* Blkr. Fig. 2. *Pseudoscarus microcheilus* Blkr. Fig. 3. *Pseudoscarus strongylocephalus* Blkr.

**BLANK
PAGE**



Bleeker del.

L. Sprenger delin.

Chromolith de C. W. Neelung.

Thalassoma purpuraceum . Blk.

**BLANK
PAGE**

Fig 1



Fig 2



Fig 3



Bleeker del.

L. Speigler delin.

Chromolith de C.W. Mieling.

Fig 1. *Scarus cyanopterus* Blk. Fig 2. *Scarus caesioides* Blk. Fig 3. *Scarus Quoyi* Blk.

**BLANK
PAGE**

Fig. 1

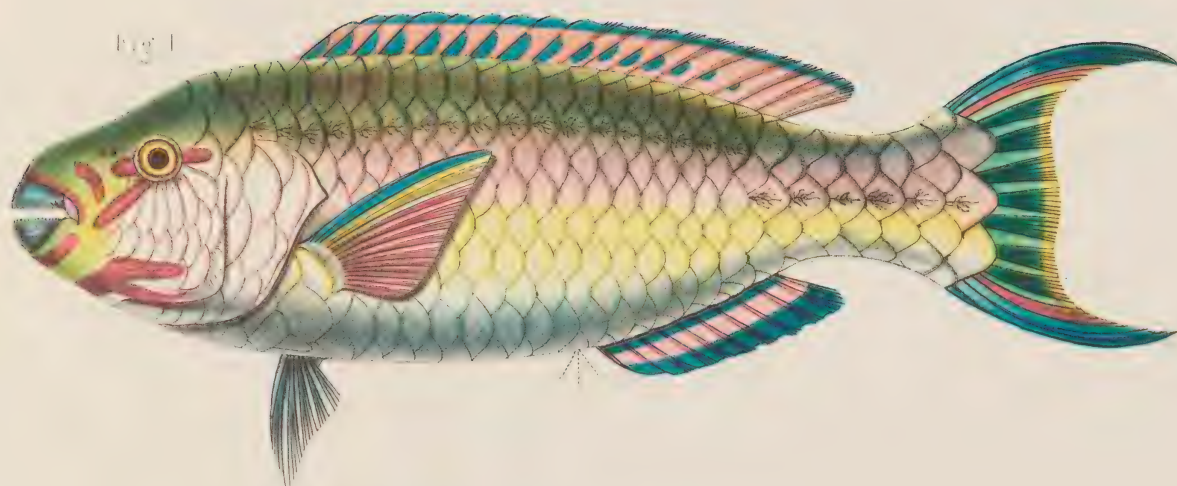


Fig. 2



Fig. 3



lecker dur.

L. Speigler delin

Chromoliths de CW Mieling.

Fig. 1. *Thalassoma vanthoplinea* Blk. Fig. 2. *Thalassoma Friescheli* Blk. Fig. 3. *Thalassoma muricatus* Blk.

**BLANK
PAGE**

Fig 1



Fig 2.



Fig. 3



P.Bleeker del.

L. Speigler et Ch. Engel delin.

Chromolith de C.W. Meiling

Fig 1. *Pseudoscarus Dasymicri* Blk. Fig 2. *Pseudoscarus Forsteri* Blk. Fig 3. *Pseudoscarus hypsilepterus* Blk.

**BLANK
PAGE**

Fig. 1



Fig. 2

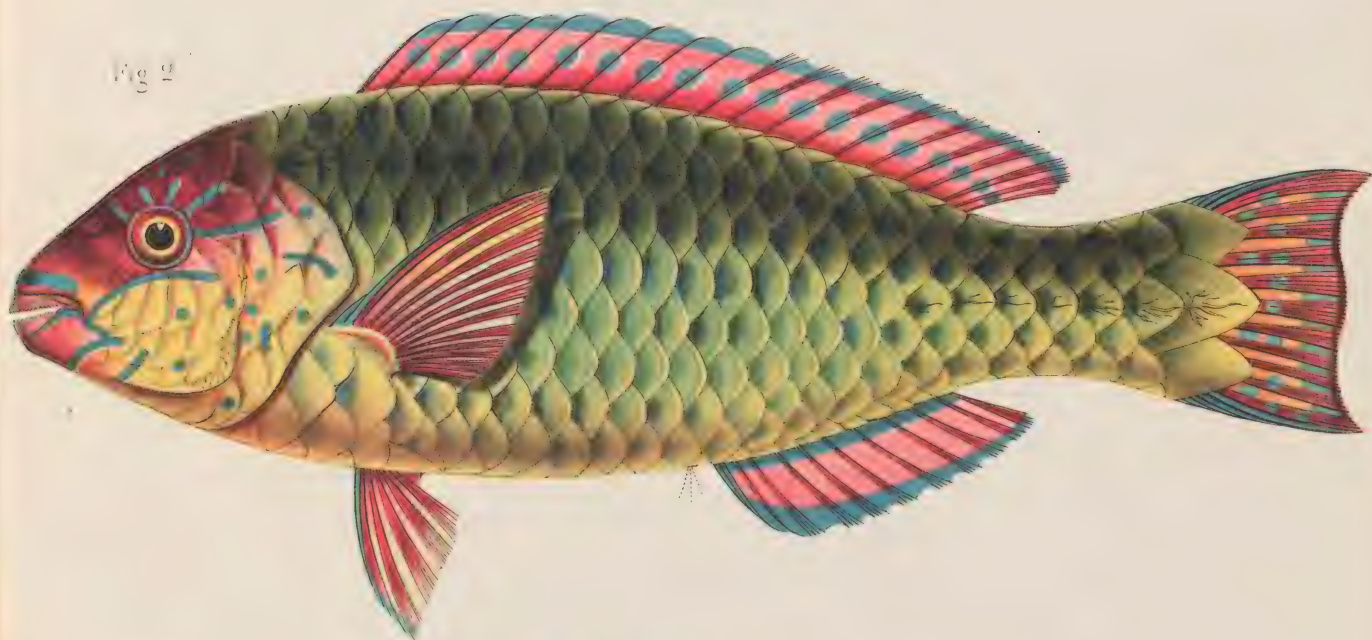
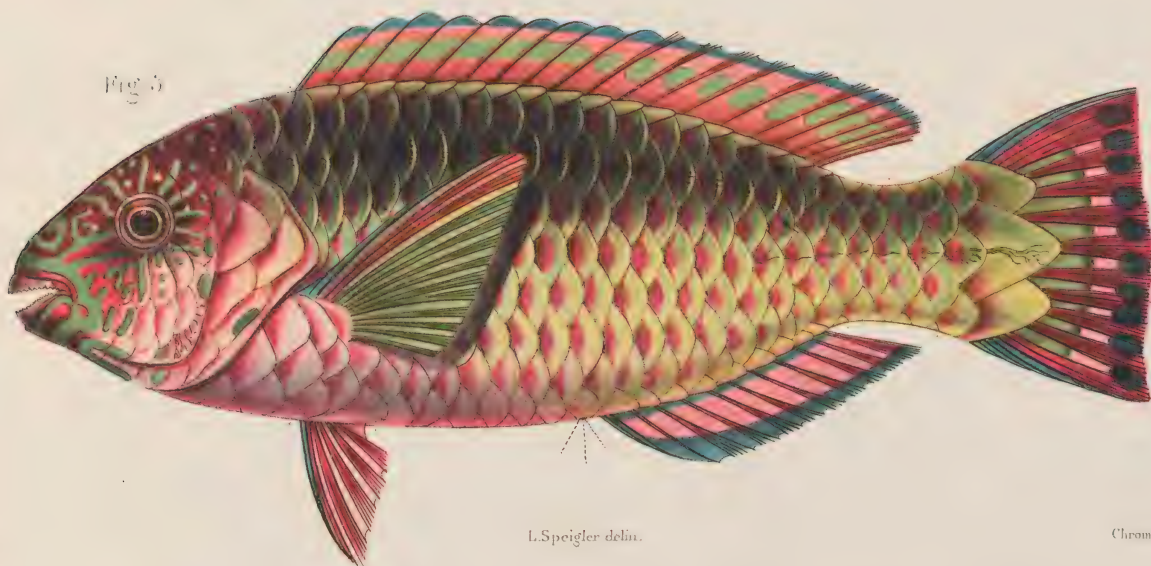


Fig. 3



P. Bleeker del.

L. Speigler delin.

Chromolith. de CW. Meising.

Fig. 1. *Pseudoscarus pygmaestethus* Blkr. Fig. 2. *Pseudoscarus Canteri* Blkr. Fig. 3. *Pseudoscarus virulatus* Blkr.

**BLANK
PAGE**

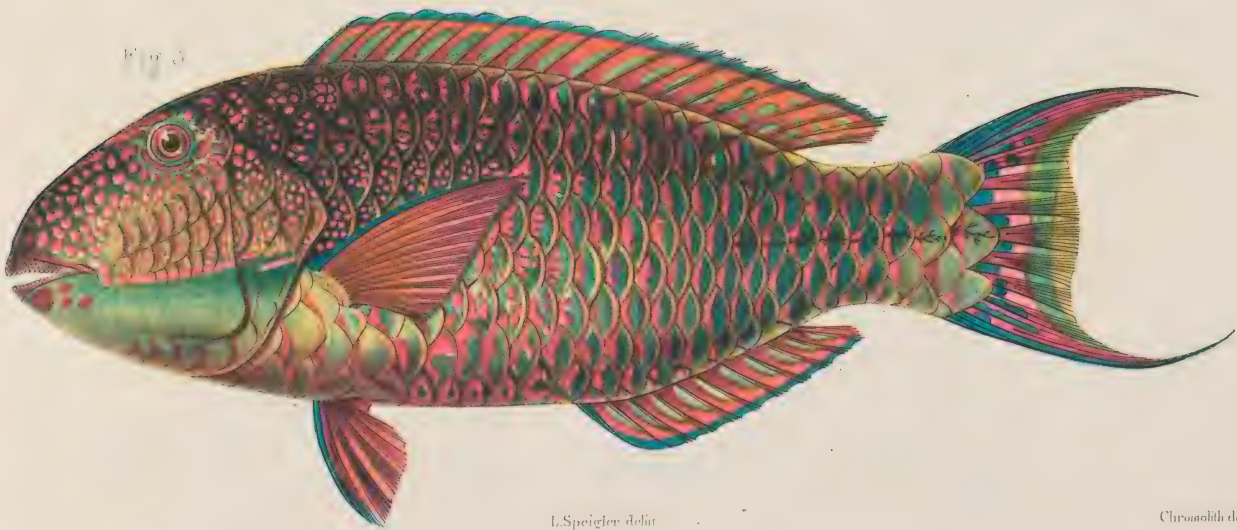
Fig. 1



Fig. 2



Fig. 3



L. Speigler delit

Chromolith. de C.W. Mieling

Fig. 1. *Pseudocaranx mastax* Blk. Fig. 2. *Pseudocaranx nuchipunctatus* Blk. Fig. 3. *Pseudocaranx patchi* (Lac.) Blk.

**BLANK
PAGE**

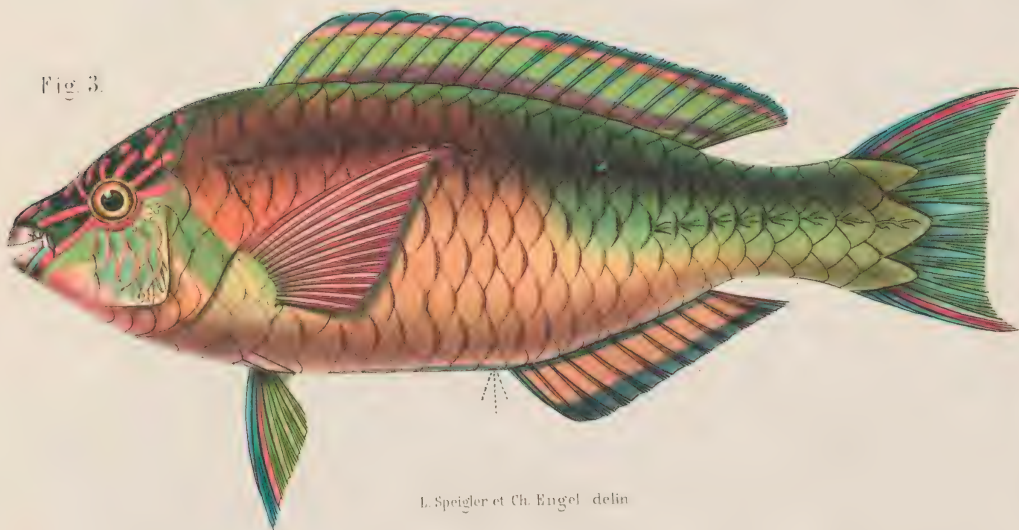
Fig. 1



Fig. 2



Fig. 3



P. Bleeker del.

L. Speigler et Ch. Engel delin.

Chromolith de C.W. Meiling

Fig. 1. *Pseudoscarus pontavicus* Blkr. Fig. 2. *Pseudoscarus cyanognathus* Blkr. Fig. 3. *Pseudoscarus javanicus* Blkr.

**BLANK
PAGE**

Fig. 1



Fig. 2



Fig. 3



Bleeker. 40

Ch. Engel et L. Speigler delin.

Chromolith. de C. W. Mueling

Fig. 1. Scaroides. Hensli. Bl. Fig. 2. Scaroides. Schlegel. Bl. Fig. 3. Scaroides. Cuvieri. Bl.

**BLANK
PAGE**

Fig. 1.



Fig. 2.



Fig. 3.



Plasmacolor

L. Speigler et Ch. Engel delin

Chromolith. de C.W. Meising

Fig. 1. *Pseudocarus singapurensis* Blkr. Fig. 2. *Pseudocarus okliden* Blkr. Fig. 3. *Pseudocarus ruberiolivaceus* Blkr.

**BLANK
PAGE**



L. Speigler delin

Surplus (Fishes of the Atlantic)

J. Bleeker del

**BLANK
PAGE**

Fig 1



Fig 2



Fig 3



Fig 4



P. Bleeker del.

L. Speigler del.

Chromolith. de C.W. Meising

Baudescaurus macrocheilus Blkr. Fig. 1. *Baudescaurus celebicus* Blkr. Fig. 2. *Baudescaurus gymnogonathus* Blkr. Fig. 3. *Baudescaurus sambuensis* Blkr.

**BLANK
PAGE**

Fig. 1



Fig. 2



Fig. 3



J. Bleeker del.

L. Springer delin.

Chromolith. de C.W. Meising.

Fig. 1. *Pseudocarus demidiatus* Bl. Fig. 2. *Pseudocarus frenatus* Bl. Fig. 3. *Pseudocarus luteus* Bl.

**BLANK
PAGE**

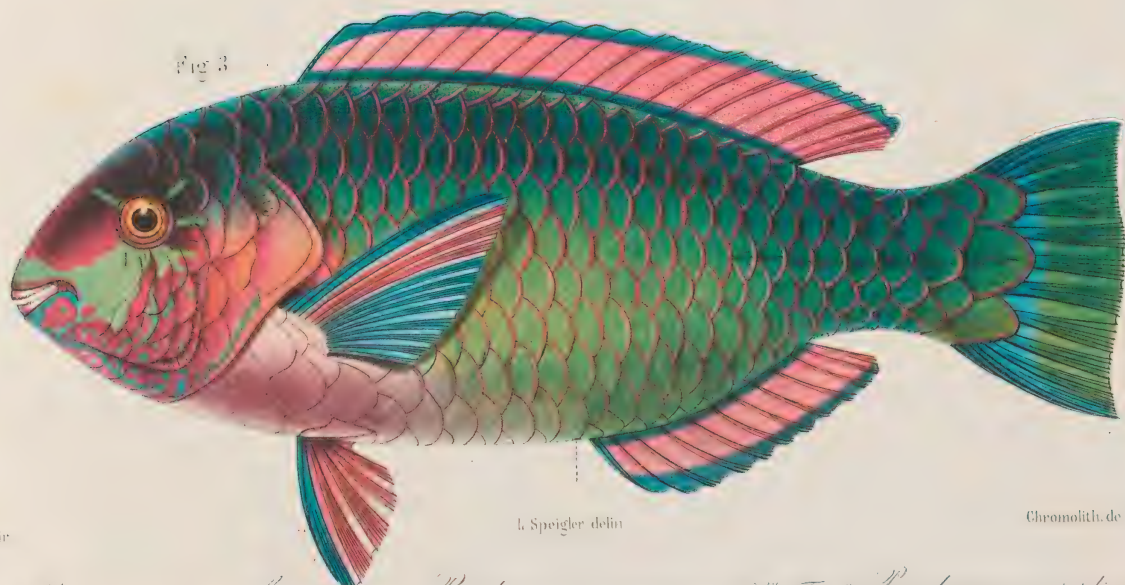
Fig. 1



Fig. 2



Fig. 3



Bleeker del.

L. Speigler delin.

Chromolith. de C. W. Meising.

Fig. 1. *Thalassoma triacanthus* Bleeker. Fig. 2. *Thalassoma acroporosus* Bleeker. Fig. 3. *Thalassoma viridis* Bleeker.

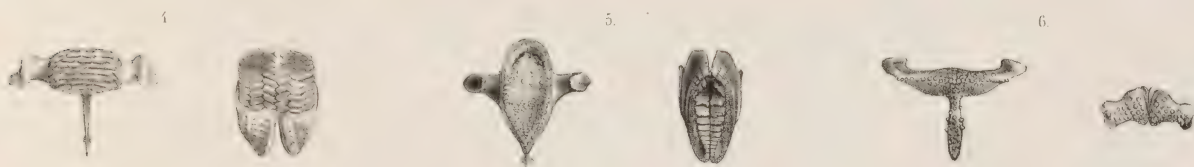
**BLANK
PAGE**



Leucichthys caeruleopunctatus Blk.
agr. 3

Pseudoscarnus strongylocephalus Blk.

Scaurus cretensis Cuv.
agr. 3



Calliodon genistriatus Val.
agr. 3

Pseudodax moluccanus Blk.
agr. 3

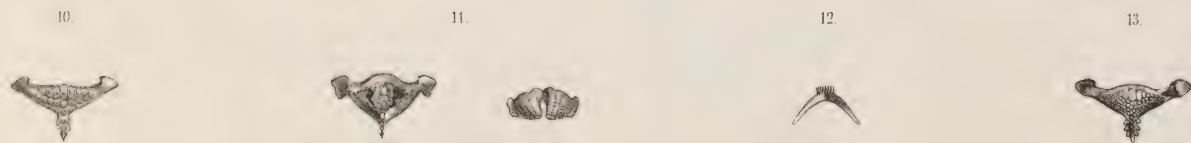
Chelio incrimis Richd.
agr. 3



Epilabus insidiator Cuv.
agr. 3

Chelinus fuscatus Cuv.

Pseudocheilinus hexataenia Blk.
agr. 3



Vagrasia annulicinctus Blk.
agr. 3

Xiphocheilus typus Blk.
agr. 2

Xiphocheilus xanthurus Blk. *C. xanthurus* Blk.
agr. 3



Thamphys caeruleopunctatus Kupp.
agr. 3

Chorops macodon Blk.

Cirrhitilabus solorensis Blk.
agr. 3

**BLANK
PAGE**

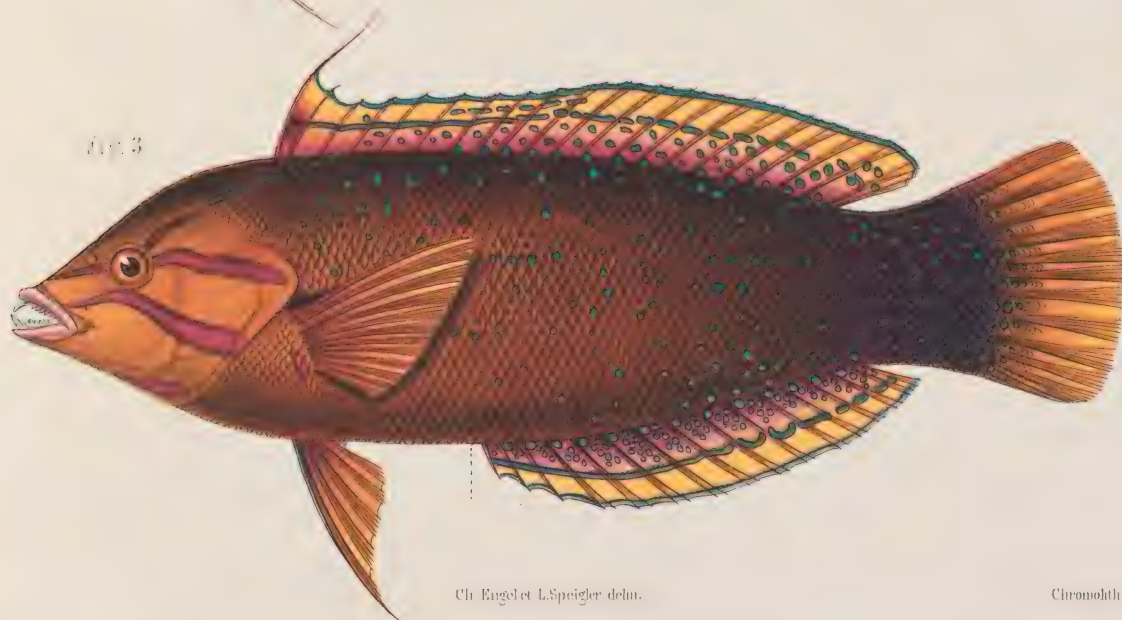
Fig. 1.



Fig. 2.



Fig. 3.



P. Bleeker del.

Ch. Engel et L. Speigler delin.

Chromolith. de C.W. Meiburg

Fig. 1. *Pseudocoris heteropterus* Blkr. Fig. 2. *Coris Guimardi* Gouan. Fig. 3. *Coris ferresii* Blkr.

**BLANK
PAGE**

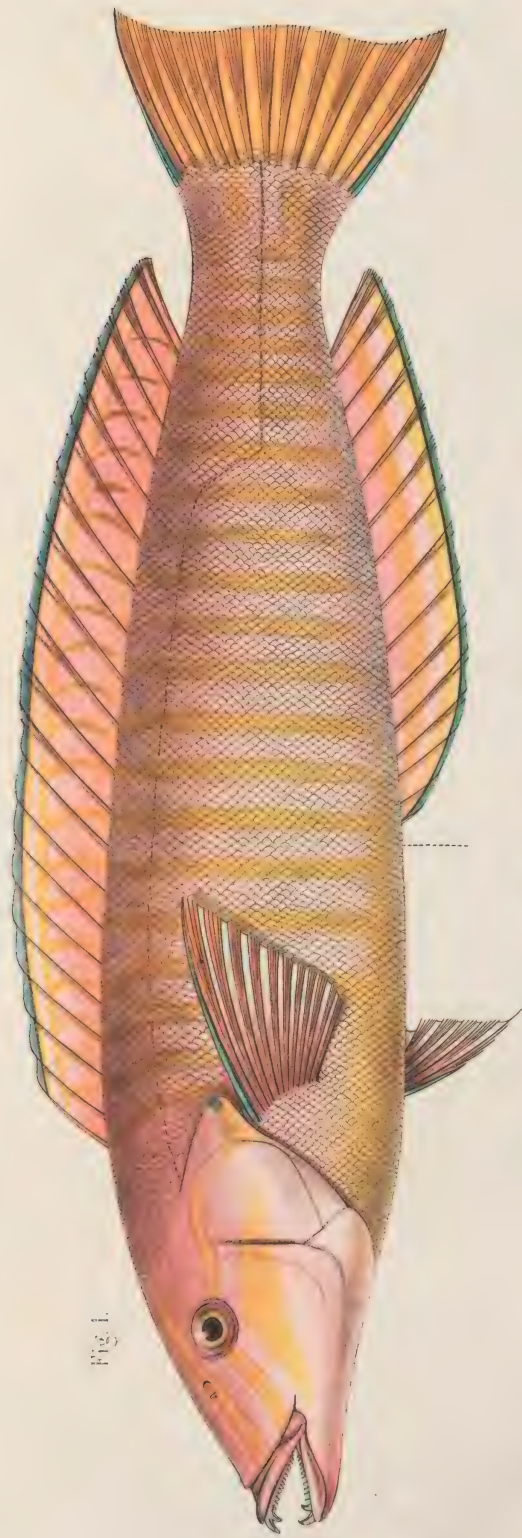


Fig. 1.

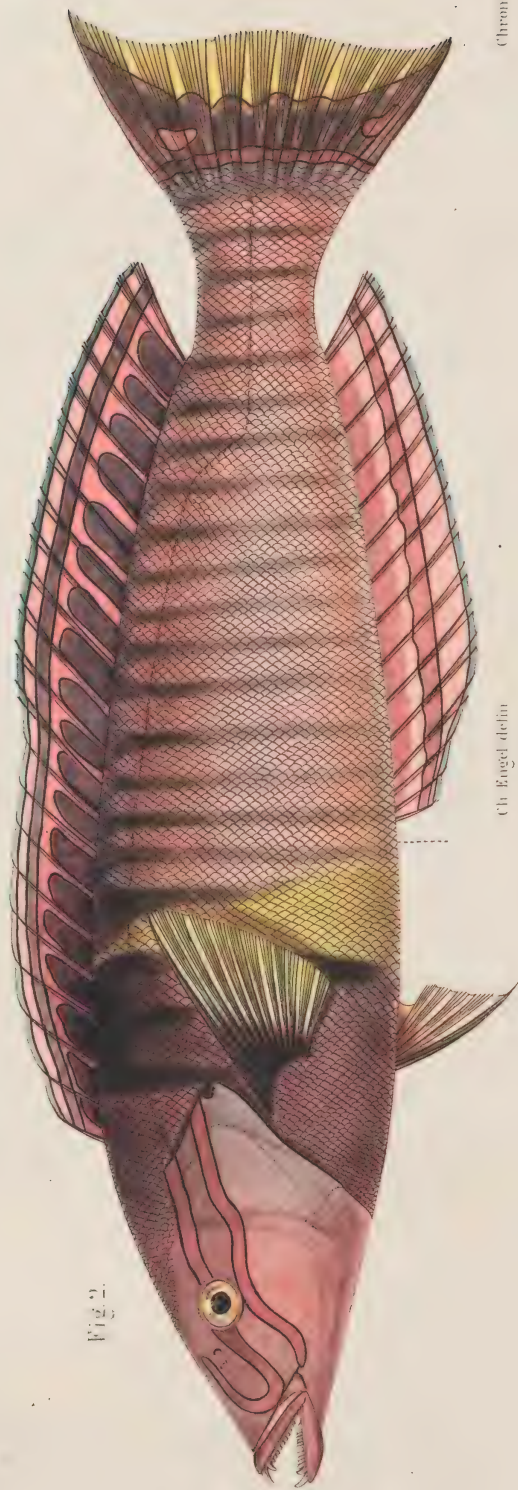


Fig. 2.

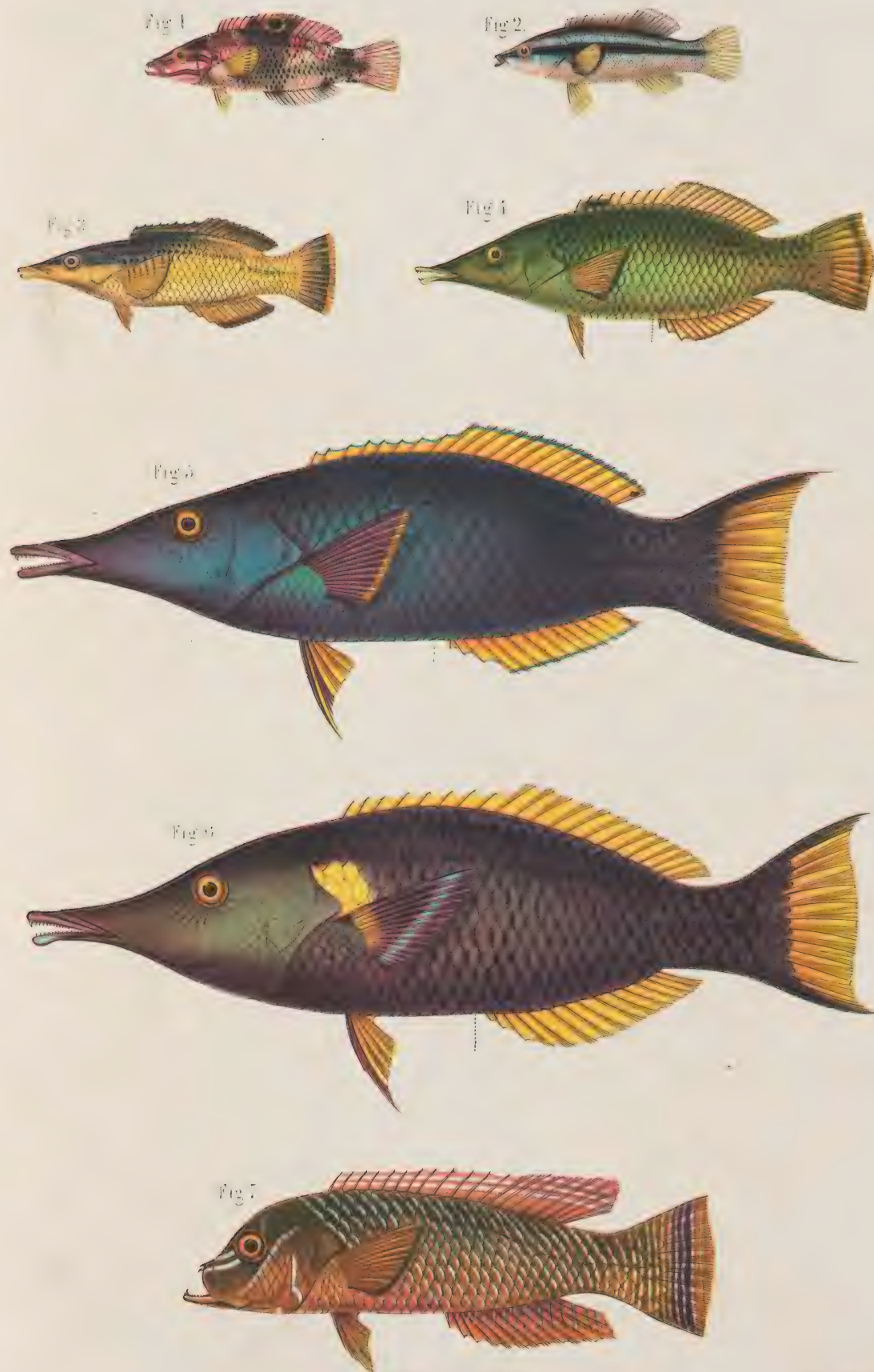
P. Bleeker del.

Ch. Kugel delin.

Chromolith de C.W. Meising.

Fig. 1. 2. *Thalassoma lineare* Lac.

**BLANK
PAGE**



P. Bleeker del.

Ch. Engel et L. Spengler delin.

Chromolith de C. W. Meiling

Fig. 1. *Hemitautoga notophthalma*. Blkr. Fig. 2. *Piprotectanthus xanthurus*. Blkr. Fig. 3. *Gomphosus melanotus*. Blkr.
 Fig. 4. *Gomphosus notostigma*. Blkr. Fig. 5. *Gomphosus coccineus* Lac. Fig. 6. *Gomphosus triocler* Wf. Fig. 7. *Xiphocercus typus*. Blkr.

**BLANK
PAGE**

Fig. 1



Fig. 2.



Fig. 3



P. Bleeker del.

L. Speigler delin.

Chromolith. de C.W. Meiling

Fig. 1. *Labroides cyaneus* Mör. Fig. 2. *Pseudocoris melanurus* Mör. Fig. 3. *Epibulus insidiator* G.

**BLANK
PAGE**



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7

P. Bleeker del.

L. Speigler delin.

Chromolith. de C.W. Meising

Fig. 1. *Cirrhitilabrus cyanopleura*. Blkr. Fig. 2. *Pseudochalinus hexataenia*. Blkr. Fig. 3. *Cirrhitilabrus sclerensis*. Blkr. Fig. 4. *Dugmaeria cinnacanthus*. Blkr. Fig. 5. *Dugmaeria nematopterus*. Blkr. Fig. 6. *Cheilinus lacrymans*. Blkr. Fig. 7. *Dugmaeria amboinensis*. Blkr.

**BLANK
PAGE**

Fig. 1

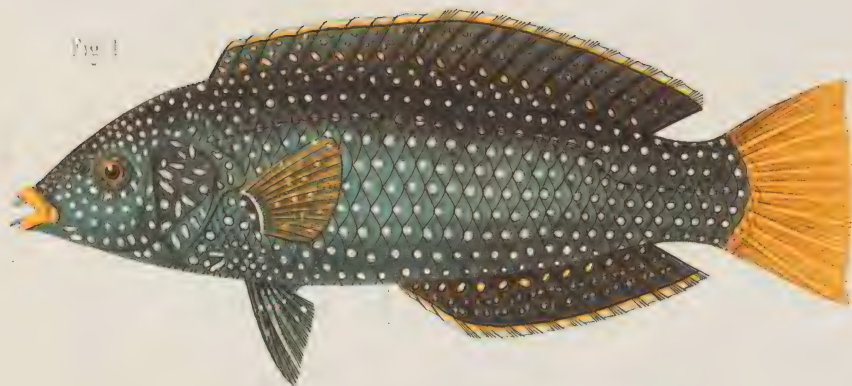


Fig. 2

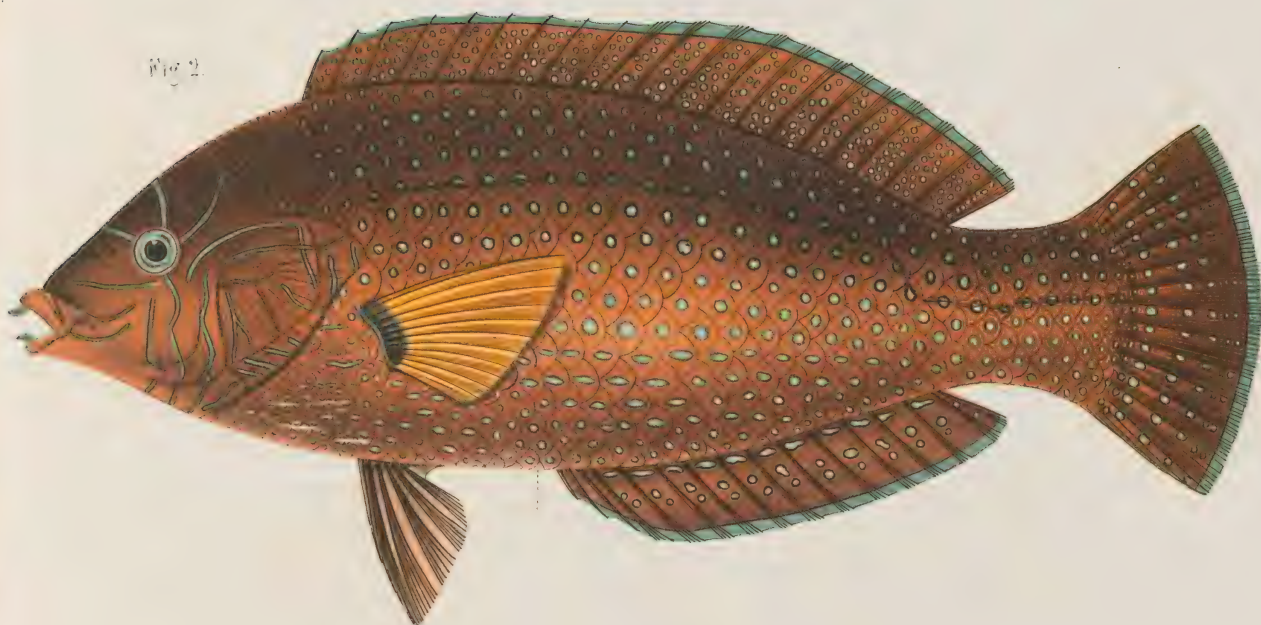


Fig. 3



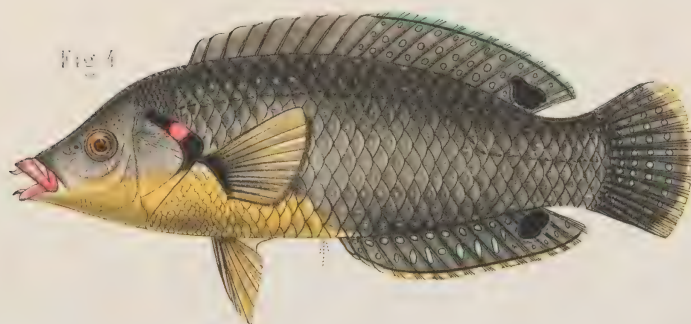
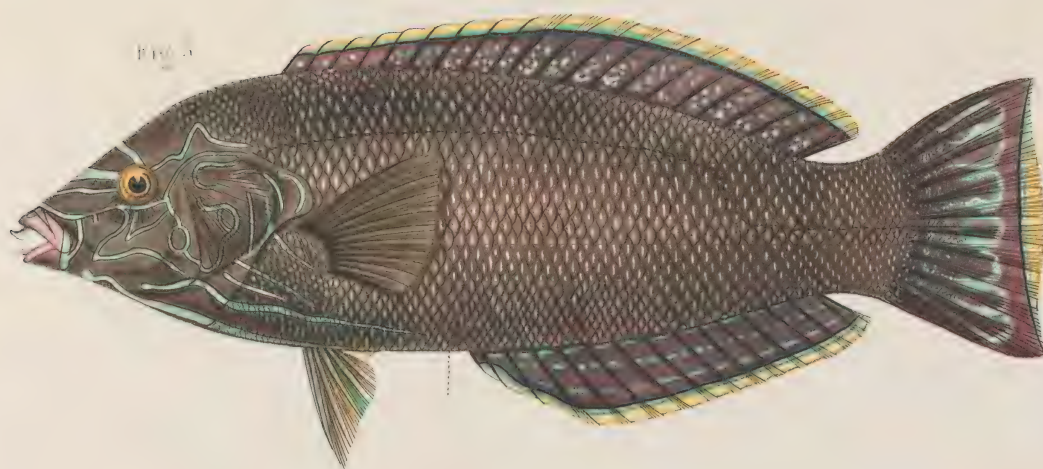
P. Bleeker del.

Ch. Engel delin.

Chromolith. de C. W. Meising

Fig. 1. *Thalassoma melanocephalum* Val. Fig. 2. *Thalassoma caeruleum punctatum* Rupp. Fig. 3. *Thalassoma pterophtalmus* Blk.

**BLANK
PAGE**



P. Bleeker del.

Ch. Engel del.

Chromolith. de C.W. Moline

Fig. 1. *Thalassoma melanurus* Blk. Fig. 2. *Thalassoma amblycens* Blk. Fig. 3. *Thalassoma geographicus* Val. Fig. 4. *Thalassoma triostus* Blk.

**BLANK
PAGE**

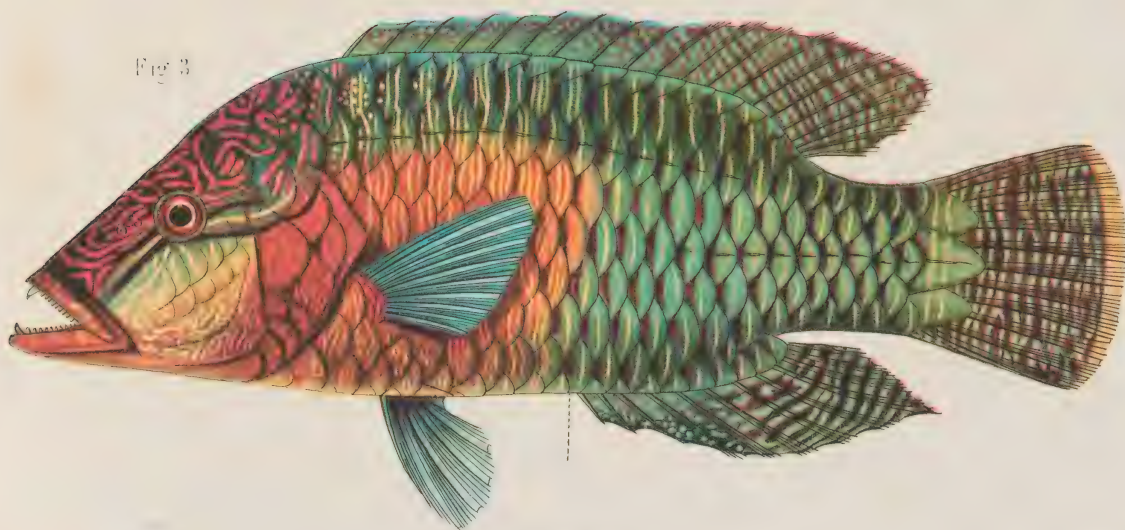
Fig. 1



Fig. 2



Fig. 3



P. Bleeker del.

Ch. Engel del.

Chromolith. de C. W. Mehnert.

Fig. 1. *Cheilodactylus radiatus* Cuv. Fig. 2. *Cheilodactylus fasciatus* Cuv. Fig. 3. *Cheilodactylus undulatus* Popp.

**BLANK
PAGE**

Fig. 1.



Fig. 2.



Fig. 3.



P. Bleeker del.

Ch. Engel delm.

Chromolith de C.W. Meising.

Fig. 1. *Cheilinus Hoeverii* Blkr. Fig. 2. *Cheilinus trilobatus* Lac. Fig. 3. *Cheilinus chlorourus* Blkr.

**BLANK
PAGE**

Fig. 1.



Fig. 2.



Fig. 3.



Fig. 4.



Fig. 5.



P. Becker del.

L. Spiegler delin.

Chromolith de C.W. Meising

Fig. 1. *Cheilinus notofahlhalmus*. Blkr. Fig. 2. *Cheilinus oxiphetus*. Blkr. Fig. 3. *Cheilinus celebensis*. Blkr.
 Fig. 4. *Cheilinus coramensis*. Blkr. Fig. 5. *Cheilinus oxycephalus*. Blkr.

**BLANK
PAGE**

Fig. 1.

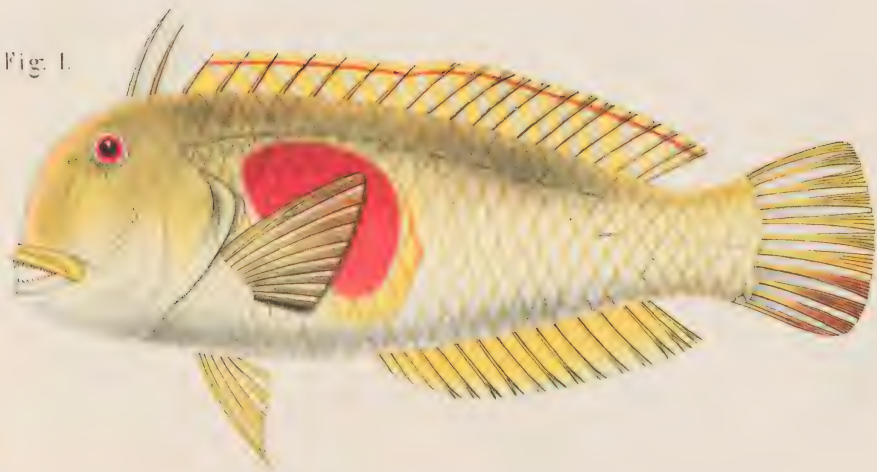


Fig. 2.

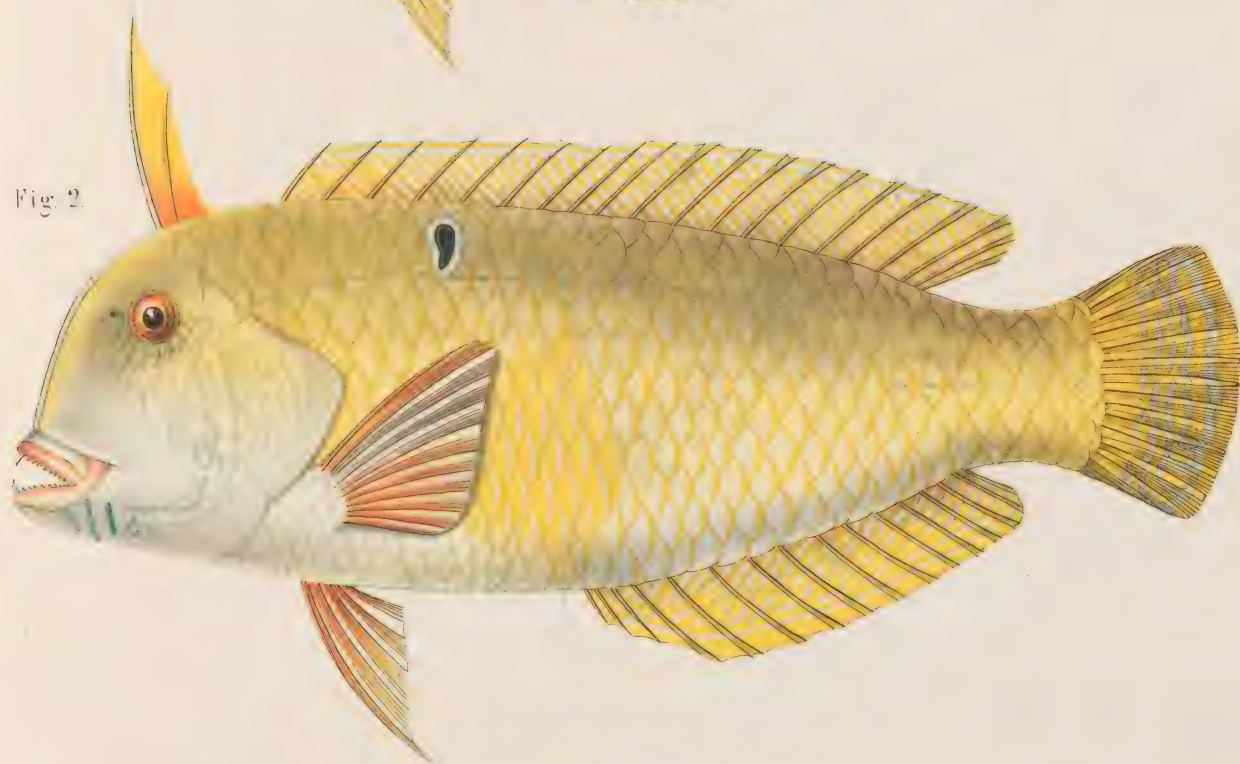


Fig. 3.



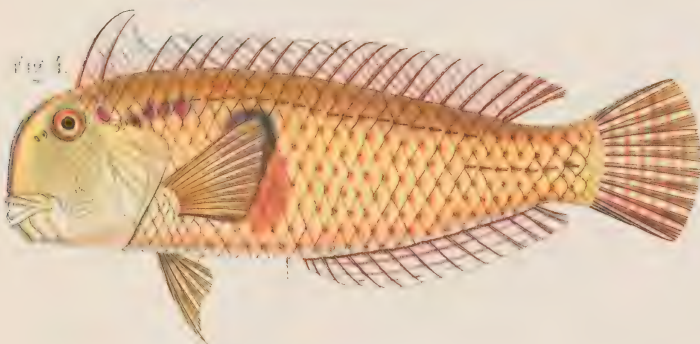
P. Bleeker delin.

Ch. Engel delin.

Chromolith. de C.W. Meising.

Fig. 1. *Hemipterocentrus Forstii* Blk. Fig. 2. *Xyrichtys pavo* Val. Fig. 3. *Hemipterocentrus melanopus* Blk.

**BLANK
PAGE**



P. Bleeker delin.

Ch. Engel et L. Speigler delin.

Chromolith. de C.W. Meiling

Fig. 1. *Xyrichtys tetrazona* Blkr. Fig. 2. *Nivacula javanica* Blkr. Fig. 3. *Hemipteronotus spiloneotus* Blkr.
 Fig. 4. *Hemipteronotus pentadactylus* Blkr. Fig. 5. *Hemipteronotus celebicus* Blkr.

**BLANK
PAGE**

Fig 1



Fig 2



Fig 3



Fig 4

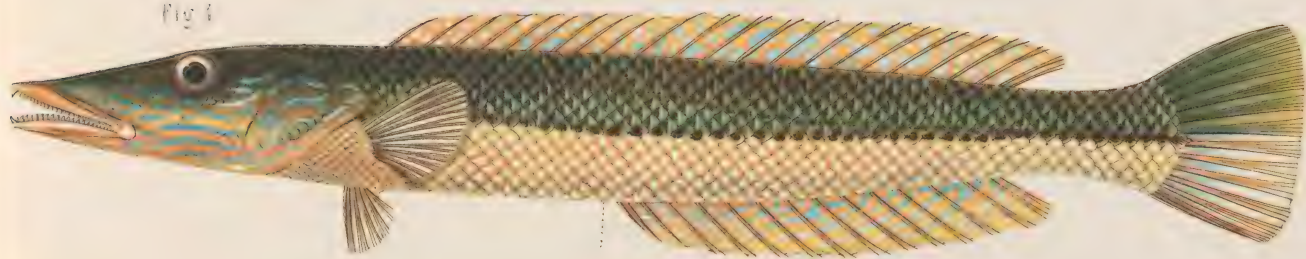
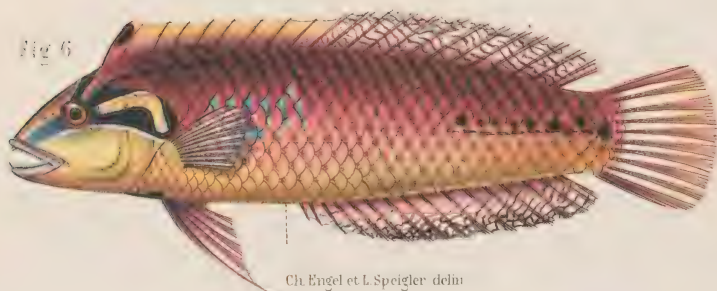


Fig 5



Fig 6



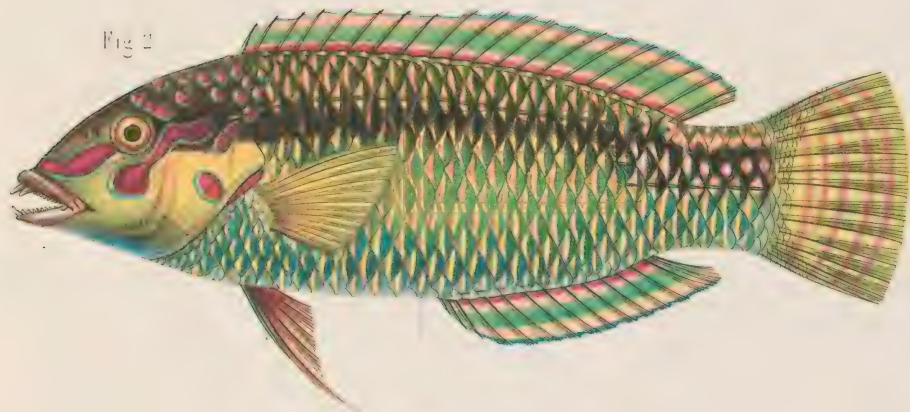
Pfeiffer del.

Ch. Engel et L. Speigler delin.

Chromolith. de C.W. Meiling

Fig. 1. *Cymolutes praetextatus* Gaud. Fig. 2. *Coris Greenoughi* Gaud. Fig. 3. *Novaculichthys kallosoma* Blkr.
 Fig. 4. *Cheilic inermis* Richds. Fig. 5. *Novaculichthys taeniurus* Blkr. Fig. 6. *Novaculichthys macrolepidotus* Blkr.

**BLANK
PAGE**



P. Bleeker del.

L. Spegler delin.

Chromolith. de C.W. Meunier

Fig. 1. *Güntheria trimaculata* Blkr. Fig. 2. *Güntheria verrucosa vittata* Blkr. Fig. 3. *Hemitautoga centiquadrata* Blkr.
 Fig. 4. *Halichoeres pedestigma* Blkr.

**BLANK
PAGE**

Fig 1

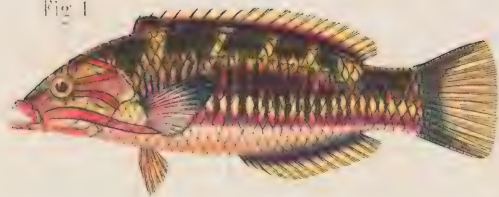


Fig 2



Fig 3



Fig 4

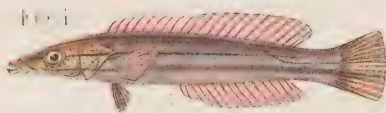


Fig 5



Fig 6



Fig 7



Fig 8



F. Bleeker del.

L. Spengler et Ch. Engel delin.

Chromolith. de C.W. Meisinger

Fig 1. *Julis caupule*. Walb. Fig 2. *Julis melanocephala*. Walb. Fig 3. *Acrologus*. Valenciennes. Fig 4. *Helogymnus oxycephalus*. Walb.
 Fig 5. *Julis lineatus*. Walb. Fig 6. *Julis amblycephalus*. Walb. Fig 7. *Julis schwanefeldi*. Walb. Fig 8. *Chelodactylus*. Valenciennes.

**BLANK
PAGE**

Fig 1



Fig 2



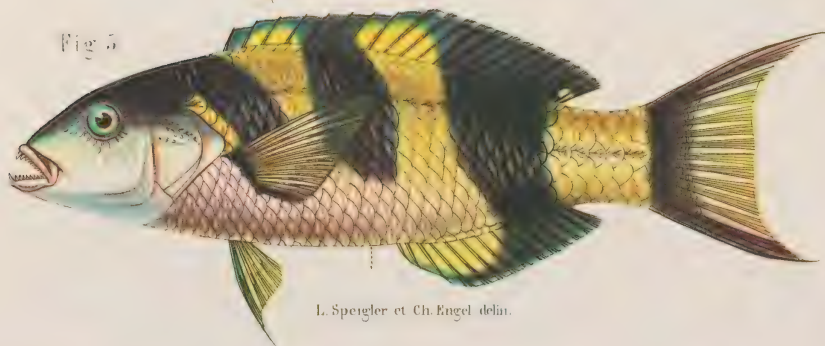
Fig 3



Fig 4



Fig 5



P. Bleeker delin.

L. Speigler et Ch. Engel delin.

Chromolith. de C.W. Meising.

Fig 1. *Tulis Güntheri* Blkr. Fig 2. *Tulis umbrestigma* Rüpp. Fig 3. *Tulis quadricolor* Lesf.
 Fig 4. *Tulis dorsalis* C. G. Fig 5. *Tulis Janseni* Blkr.

**BLANK
PAGE**

Fig 1



Fig 2



Fig 3

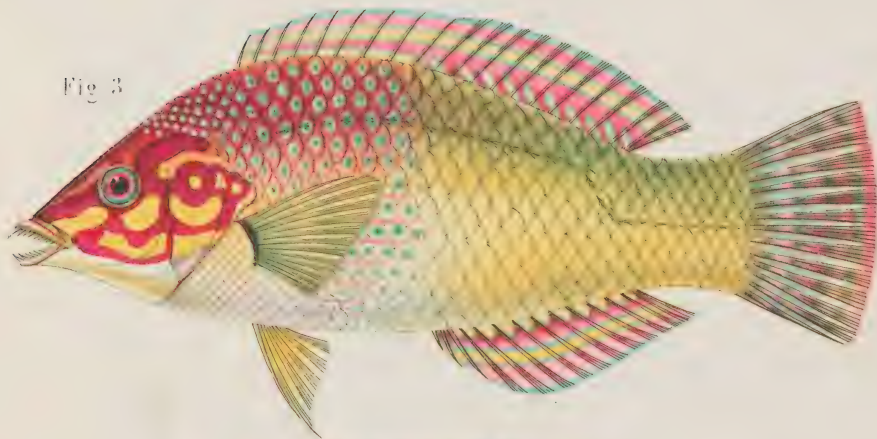


Fig 4



Fig 5



P. Bleeker del.

L. Speigler et Ch. Engel delin.

Chromolith. de C.W. Meiling.

Fig. 1. *Halichoeres guttatus*. Blk. Fig. 2. *Halichoeres modestus*. Blk. Fig. 3. *Halichoeres chiropterus*. Blk.
 Fig. 4. *Halichoeres Hartfeldi*. Blk. Fig. 5. *Halichoeres pardaleocephalus*. Blk.

**BLANK
PAGE**

Fig. 1.

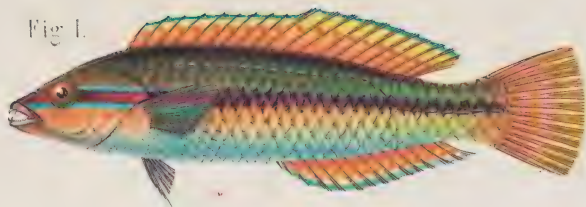


Fig. 2.



Fig. 3.



Fig. 4.



Fig. 5.



P. Bleeker del.

Ch. Engel et L. Speigler delin.

Chromolith. de C.W. Mieling

Fig. 1. *Leptojulis pyrrhogrammaroides*, Blkr. Fig. 2. *Hemicoris caudimaculata*, Blkr. Fig. 3. *Hemicoris latuensis*, Blkr.
 Fig. 4. *Hemicoris variegata*, Blkr. Fig. 5. *Leptojulis cyanopleura*, Blkr.

**BLANK
PAGE**

Fig. 1.



Fig. 2.



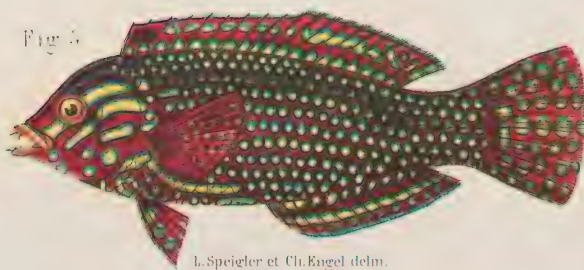
Fig. 3.



Fig. 4.



Fig. 5.



P. Bleeker del.

L. Speigler et Ch. Engel delm.

Chromolith. de C. W. Meising.

Fig. 1. *Halichoeres reichii* Blkr. Fig. 2. *Halichoeres prosopion* Blkr. Fig. 3. *Halichoeres ambionensis* Blkr.
 Fig. 4. *Halichoeres nigrescens* Blkr. Fig. 5. *Macropharyngodon geoffroyi* Blkr.

**BLANK
PAGE**

Fig. 1.



Fig. 2.



Fig. 3.



Fig. 4.



P. Bleeker delin.

L. Speigler delin.

Chromolith. de C.W. Meiling

Fig. 1. *Cesiphus diama* Val. Fig. 2. *Cesiphus anthracoides* Günth. Fig. 3. *Cesiphus bitaeniatus* Val. Fig. 4. *Cesiphus mesothorax* Val.

**BLANK
PAGE**

Fig. 1.

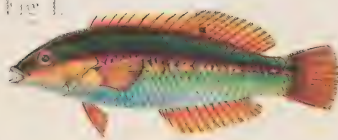


Fig. 2.



Fig. 3.

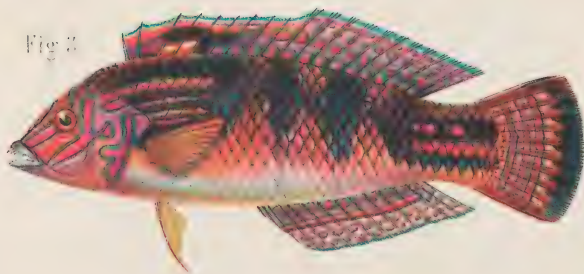


Fig. 4.



Fig. 5.



P. Bleeker del.

Ch. Engelstr. sculp. color.

Chromolith. de C.W. Meiberg.

Fig. 1. *Halichoeres kneri* Blkr. Fig. 2. *Halichoeres myrtli* Blkr. Fig. 3. *Halichoeres schwanzi* Blkr.
Fig. 4. *Halichoeres poecili* Blkr. Fig. 5. *Halichoeres bicolor* Blkr.

**BLANK
PAGE**

Fig. 1.



Fig. 2.



Fig. 3.

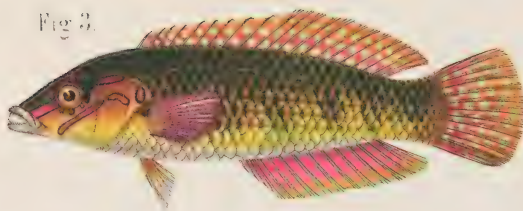


Fig. 4.

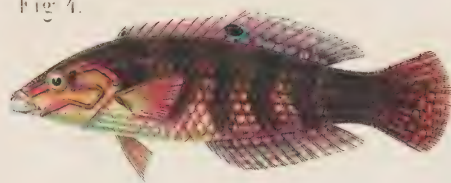
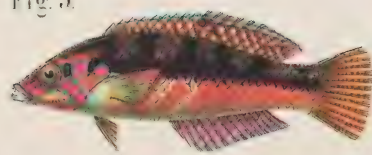


Fig. 5.



P. Bleeker del.

L. Speigler et Ch. Engel delin.

Chromolith. de C. W. Mieling

Fig. 1. *Halichoeres tinereus*, Blkr. Fig. 2. *Halichoeres scleratus*, Blkr. Fig. 3. *Halichoeres javanicus*, Blkr.
 Fig. 4. *Halichoeres binotatus*, Blkr. Fig. 5. *Halichoeres pseudominutus*, Blkr.

**BLANK
PAGE**

Fig. 1

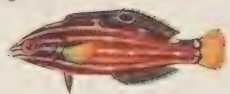


Fig. 2

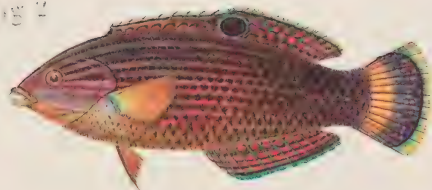


Fig. 3

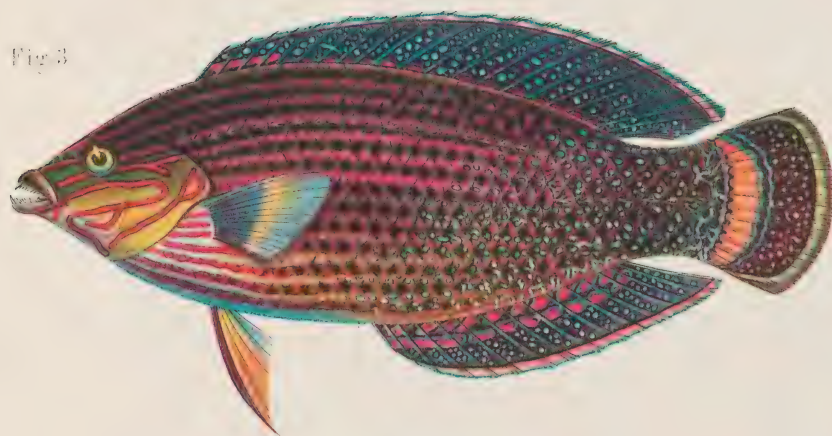


Fig. 4



Fig. 5



P. Bleeker del.

L. Spangler et Ch. Engel delin.

Chromolith. de C.W. Meising.

Fig. 1, 2. *Platypterygius notopis* Blk. Fig. 3. *Platypterygius marginatus* Blk. Fig. 4. *Halichoeres kawai* Blk.
Fig. 5. *Halichoeres miniatus* Blk.

**BLANK
PAGE**

Fig. 1.



Fig. 2.



Fig. 3.

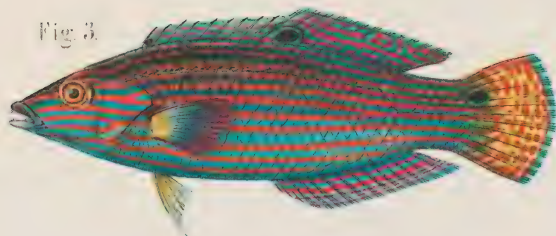


Fig. 4.

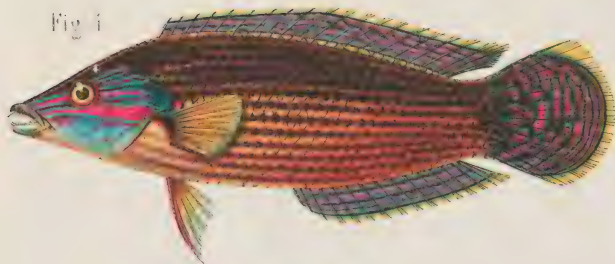
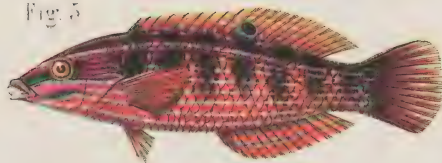


Fig. 5.



Bleeker del.

L. Speigler et Ch. Engel delin.

Chromolith. de C. W. Mieling

Fig. 1. *Chociceps leucostoma* Blkr. Fig. 2. *Platyglisfus Vreliki* Blkr. Fig. 3. *Platyglisfus Heermii* Blkr.
 Fig. 4. *Platyglisfus kallechrema* Blkr. Fig. 5. *Halichoeres leparensis* Blkr.

**BLANK
PAGE**

Fig. 1.



Fig. 2.



Fig. 3.



Fig. 4.



Fig. 5.



P. Bleeker del.

L. Speiser delin.

Chromolith. de C.W. Meising.

Fig. 1. *Stethojulis strigiventris* Günth. Fig. 2. *Stethojulis* Renardi. Blk. Fig. 3. *Stethojulis trilineata* Günth.
 Fig. 4. *Stethojulis kalleasoma* Blk. Fig. 5. *Stethojulis phaeocephala* Blk.

**BLANK
PAGE**

Fig. 1



Fig. 2

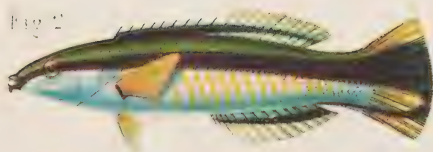


Fig. 3



Fig. 4



Fig. 5



Fig. 6



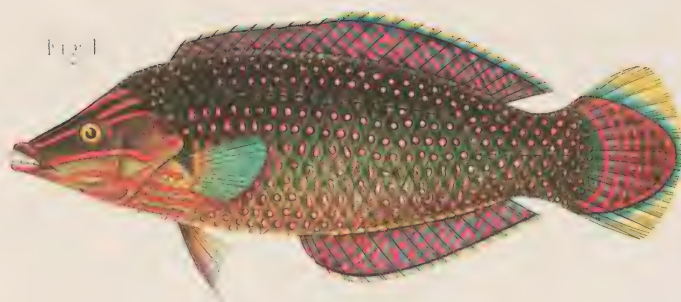
P. Bleeker delin.

Ch. Engel et L. Speigler delin.

Chromolith. de C.W. Meiling

Fig. 1. *Labroides laterittatus* Blkr. Fig. 2. *Labroides paradiscus* Blkr. Fig. 3. *Hemigymnus leucemus* Gaud. Fig. 4. *Stethojulis interrupta* Gaud. Fig. 5. *Stethojulis albertensis* Gaud. Fig. 6. *Stethojulis acillaris* Blkr.

**BLANK
PAGE**



P. Bleeker del.

L. Speigler delm.

Chromolith. de C.W. Meising.

Fig. 1. *Neoglyphis purpuraceus* Blk. Fig. 2. *Henigymnus melapterus* Gauth.

**BLANK
PAGE**

Fig. 1



Fig. 2



Fig. 3



P. Bleeker del.

L. Speigler delm.

Chromolith. de C.W. Meising

Fig. 1. *Platypterygius melanurus* Blkr. Fig. 2. *Hemigymnus fasciatus* Bonth. Fig. 3. *Cheerops Schenckeni* Blkr.

**BLANK
PAGE**

Fig. 1.



Fig. 2.



P. Bleeker del.

L. Spengler delin.

Chromolith. de C.W. Meising.

Fig. 1. Cheilodactylus maculatus. Blkr. Fig. 2. Cheilodactylus oligacanthus. Blkr.

**BLANK
PAGE**

Fig. 1. *Hemitripterus multispinatus* Blk.Fig. 2. *Hemitripterus multispinatus* Blk.Fig. 3. *Hemitripterus multispinatus* Blk.Fig. 5. *Hemitripterus multispinatus* Blk.

3

Fig. 7. *Gymphosus aculeatus* Luc.Fig. 8. *Hemicoris latuensis* Blk.Fig. 10. *Hemicoris latuensis* Blk.Fig. 12. *Hemicoris latuensis* Blk.Fig. 13. *Vercaulohypus maculipidatus* Blk.Fig. 14. *Ceris formosus* Blk.Fig. 16. *Hemicoryphus reticulatus* Günth.Fig. 18. *Tulus lunaris* Val.Fig. 20. *Macropharyngodon Geoffroyi* Blk.Fig. 21. *Halichoeres podostigma* Blk.Fig. 23. *Gymnallus praetextatus* Günth.Fig. 24. *Platyglypus marginatus* Blk.Fig. 26. *Pseudogobius Girardi* Blk.Fig. 27. *Pseudolabrus rubiginosus* Blk.Fig. 29. *Siphogobius volinatus* Günth.Fig. 30. *Siphogobius volinatus* Günth.Fig. 31. *Cephichthys gemmaria* Luc.Fig. 32. *Hemipteronotus melonops* Blk.Fig. 33. *Güntheria aculeovittata* Blk.Fig. 34. *Conilabrus parvo* Luc.

**BLANK
PAGE**



P. Blocher dit

L. Nivernais dit

Silurus asotus L.

Illustration de C.W. Meising

**BLANK
PAGE**



P. Bleeker del.

L. Speigler delin.

Chromolith de C.W. Mischling.

Pseudorasbora pichula Blkr.

**BLANK
PAGE**

Fig. 1

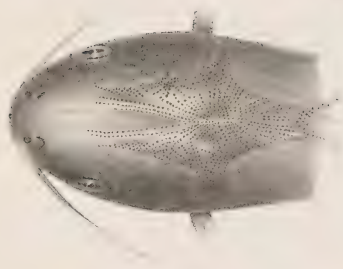
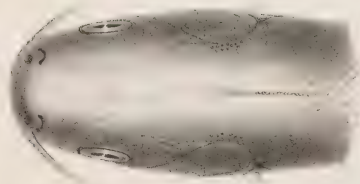


Fig. 2



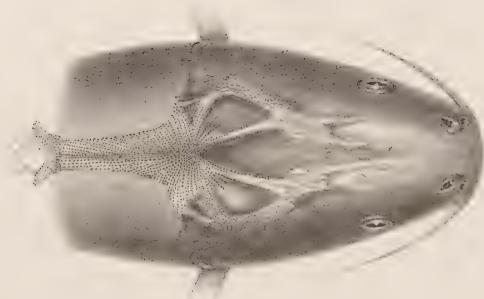
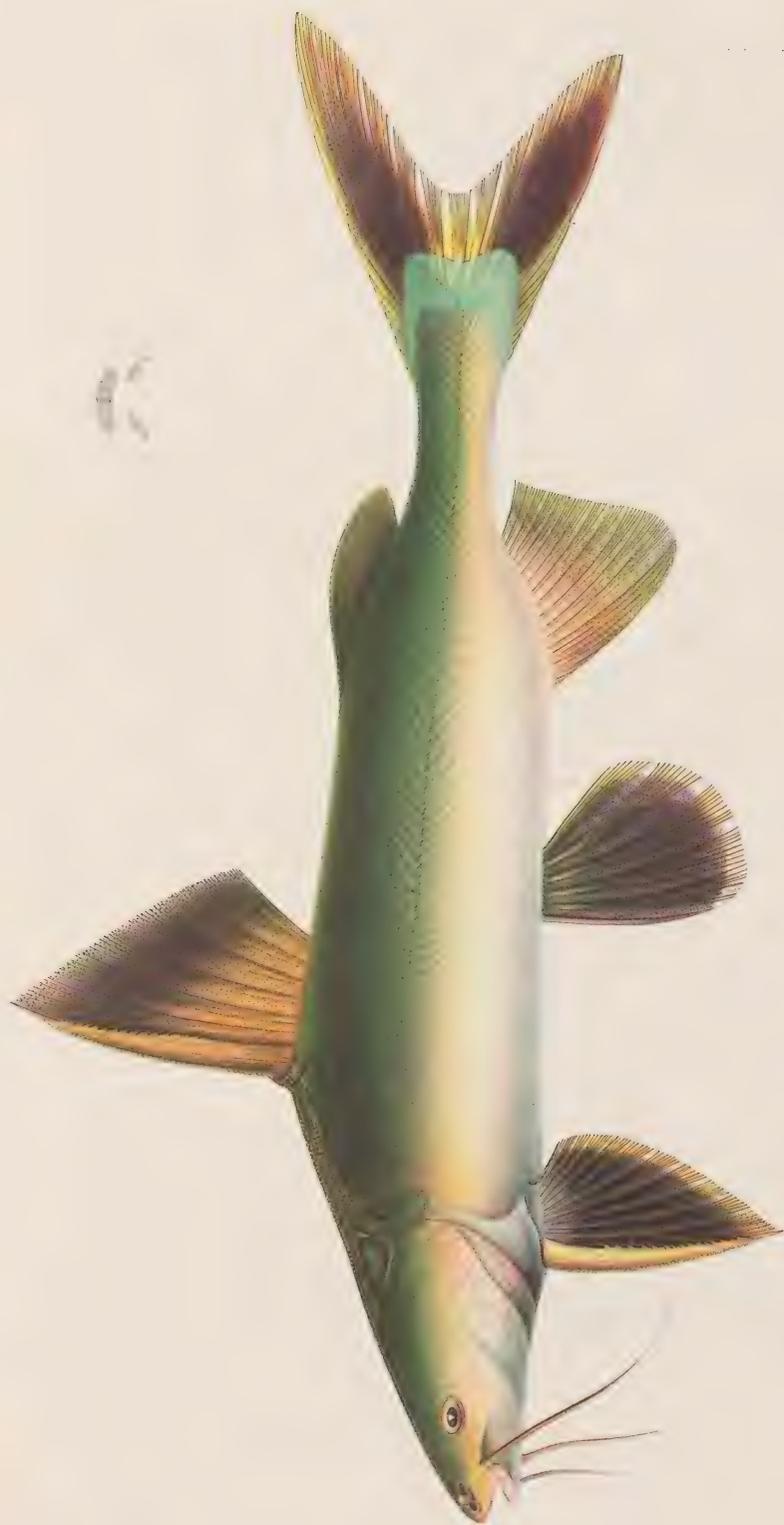
P. Bleeker del.

L. Speigler delin.

Chromolith. de CW. Mieling.

Fig. 1. *Pseudorasbora microcephala* Blk. Fig. 2. *Var. atak* Blk.

**BLANK
PAGE**



Chromolith. de C. W. Meising.

L. Spengler delin.

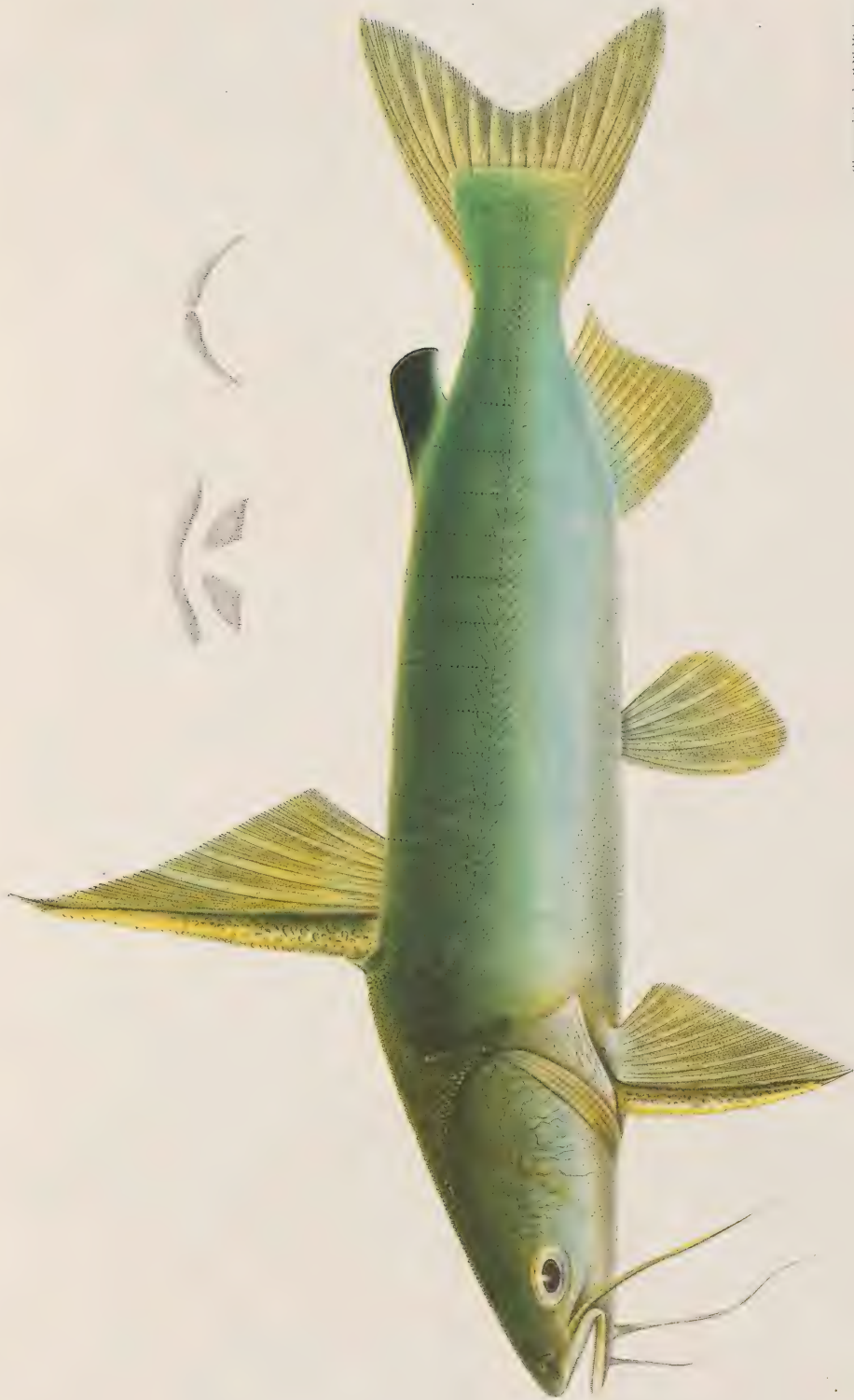
Cyhalacanthus melanochir, Blkr.

P. Bleeker del.

**BLANK
PAGE**



P. Bleeker. del.



L. Spengler. delin.

Silurus asotus var.

Chromolith. de C.W. Meising.

**BLANK
PAGE**



Bleeker del.

L. Speigler delin.

Chromolith. de C.W. Meiling.

Fig. 1. *Ameiurus venosus* Lat. Fig. 2. *Ameiurus leptoneuracanthus* Blek.

**BLANK
PAGE**



P. Bleeker. 414.



C. W. M. M. 111.

Chromolaichthys argenteus Bleeker.

Chromolaichthys argenteus.

**BLANK
PAGE**



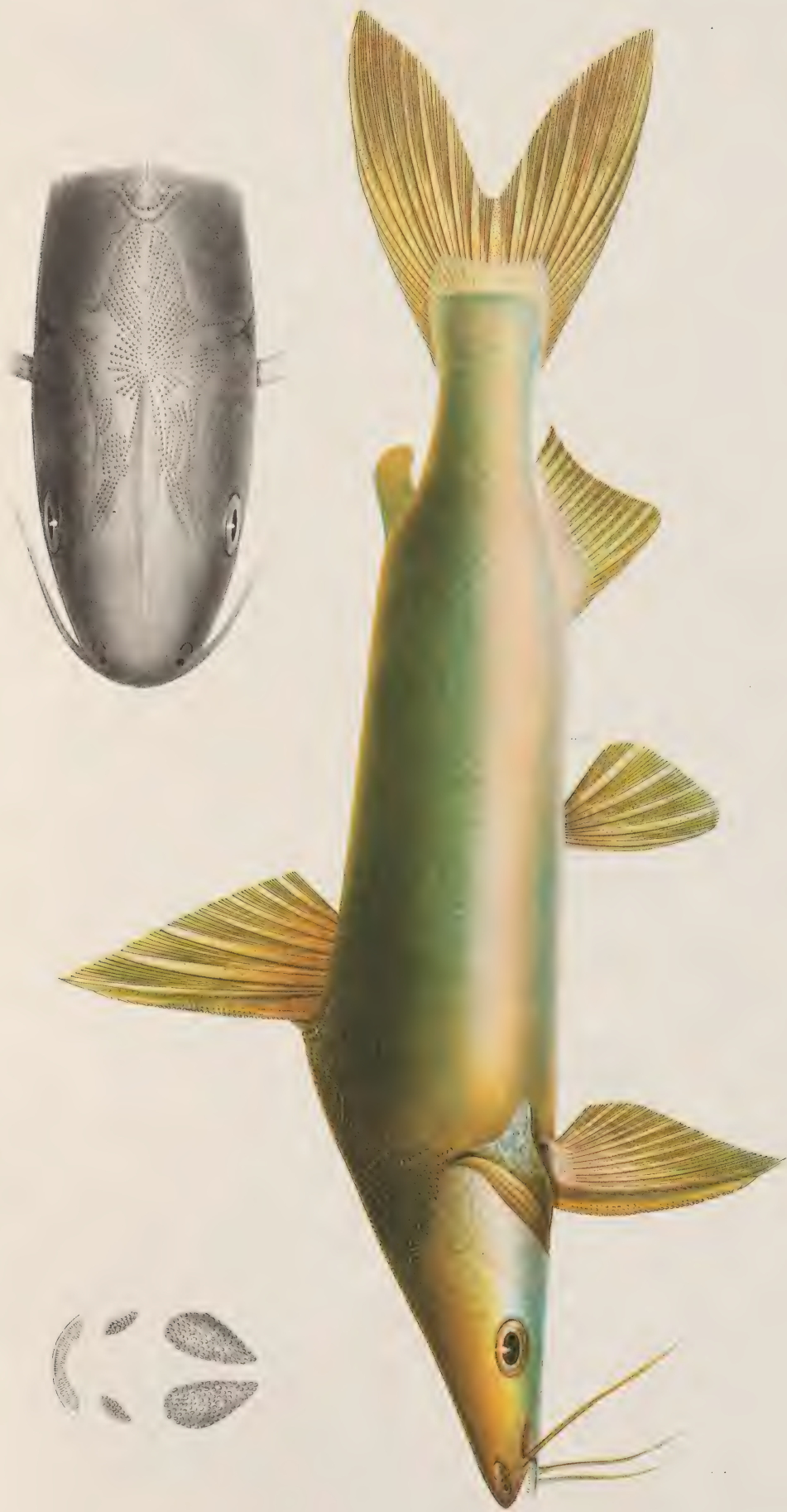
P. BASSON.

L. Spangier delin.

Silurus transatlanticus "Lac."

Chromolith. de C. W. Mieling

**BLANK
PAGE**



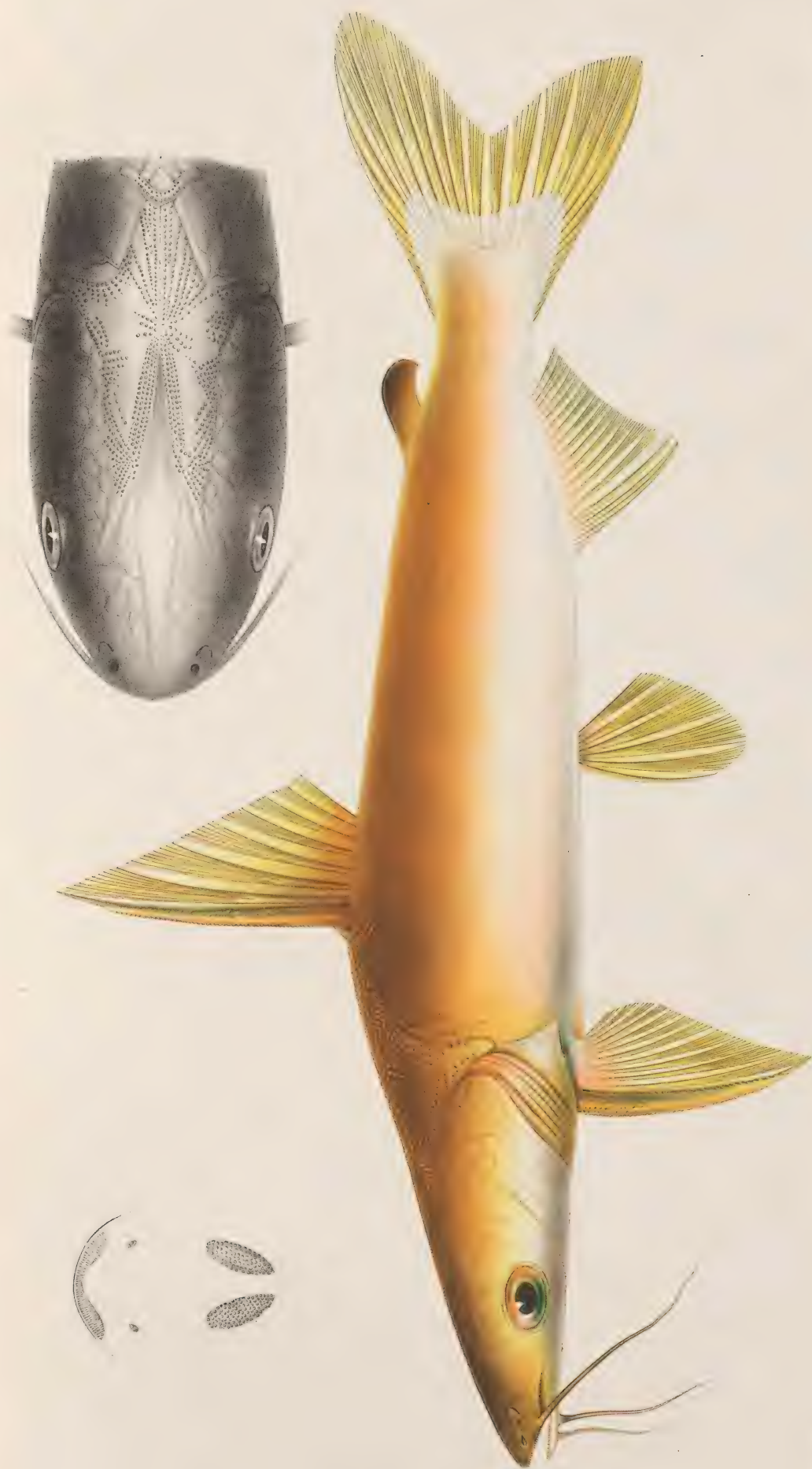
P. H. M. 1841

L. Sprenger 1841

Silurus asotus L.

Chromolith. de C. W. Mischke

**BLANK
PAGE**



P. Bleeker del.

L. Spengel sculp.

Silurus asotus Bloch

Chromolith. de C.W. Neudorff.

**BLANK
PAGE**



P. Bleeker del.

L. Spiegler delin.

Mystus argenteus

Chromolith. de C.W. Meising.

**BLANK
PAGE**



P. Bleeker del.

L. Speigler delin.

Chromolith. de C.W. Meising.

Fig. 1. *Tricodes genuspis* Bleeker. Fig. 2. *Tricodes leucophaeus* Bleeker. Fig. 3. *Tricodes polystaphyloides* Bleeker.

**BLANK
PAGE**



P. Bleeker delin.

A. Sprenger delin.

Silurus asotus Bleeker

Chromolith. de C. W. Meining.

**BLANK
PAGE**



Fig. 1. Head.

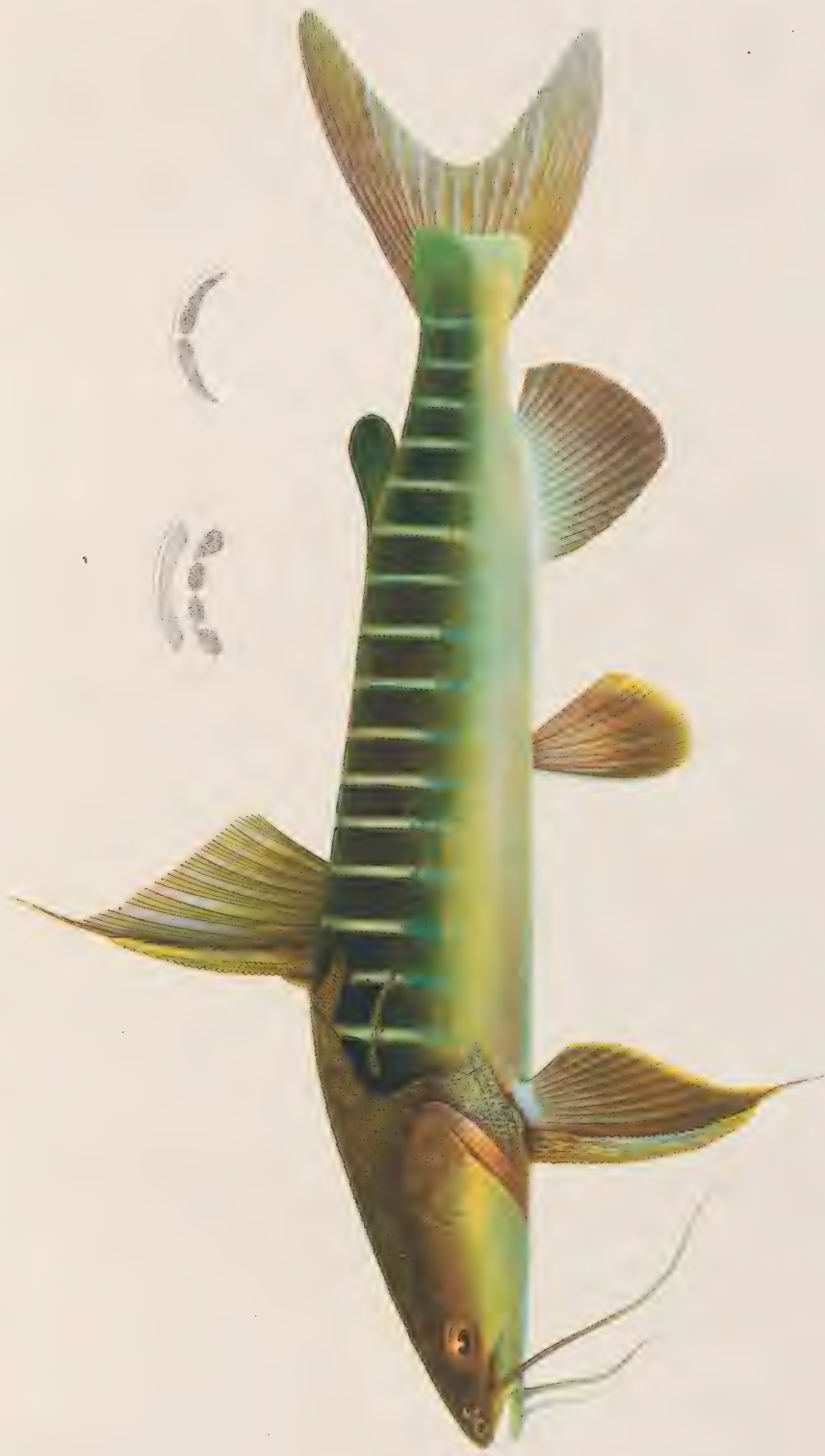


Fig. 2. Whole fish.

Hexanemichthys sandwicensis, Bleeker.

Fig. 3. Scales.

**BLANK
PAGE**



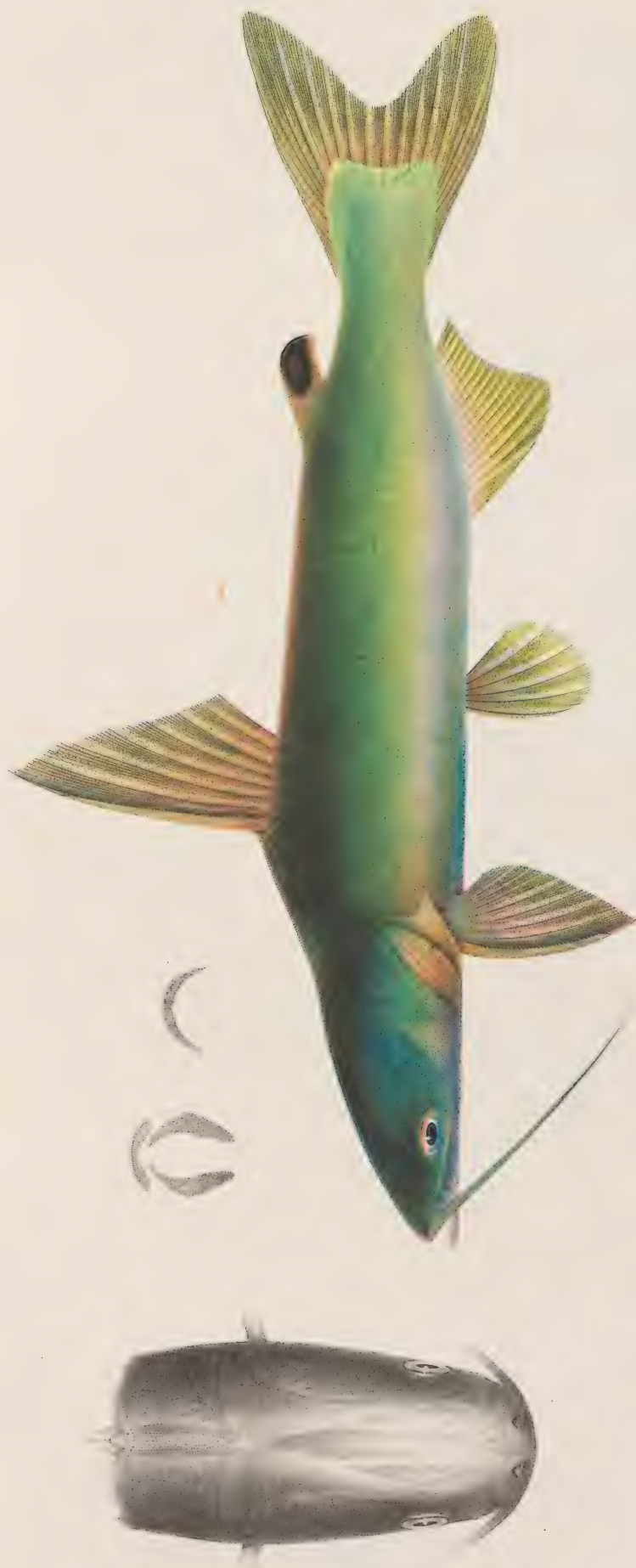
P. Bleeker delin.

L. Speigler delin.

Catagomus fuscus Btk.

Chromolith. de C.W. Meiding

**BLANK
PAGE**



P. Bleeker del.

L. Steadeler sculp.

Stegogenus macrocephalus Blk.

Pensoft de C.W. Meefing

**BLANK
PAGE**



P. Bleeker del.

L. Sprenger delm.

Chromolith. de C. A. M. Meijer

Fig. 1. *Batrachiocephalus microperca* Blk. Fig. 2. *Hexanematichthys leptaspis* Blk.

**BLANK
PAGE**

Fig. 1



Fig. 2

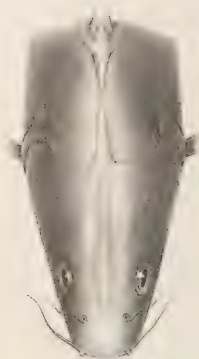
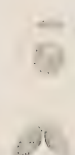


Fig. 3



P. Bleeker delin.

L. Speigler delin.

Chromolith. de C.W. Meising.

Fig. 1. *Leiocassis microdon* Blk. Fig. 2. *Leiocassis poecilopterus* Blk. Fig. 3. *Pagrus melanopterus* Blk.

**BLANK
PAGE**



P. Bloeker del.

L. Speigler delin.

Chromolith. de C.W. Meiling

Fig. 1. Pseudogyrichthys macracanthus Btk. Fig. 2. Pseudogyrichthys macropterus Btk. Fig. 3. Leucospis stenomus Btk.

**BLANK
PAGE**



P. Blocher del.

h. Spengler delin.

Boyerichthys hypsilepterus Bloch.

Chromolith. de C.W. Meiberg.

**BLANK
PAGE**



P. Bleeker del.

L. Sprenger delin.

Hemiodon nemurus Blk.

Chronolith. de C.W. Meising.

**BLANK
PAGE**



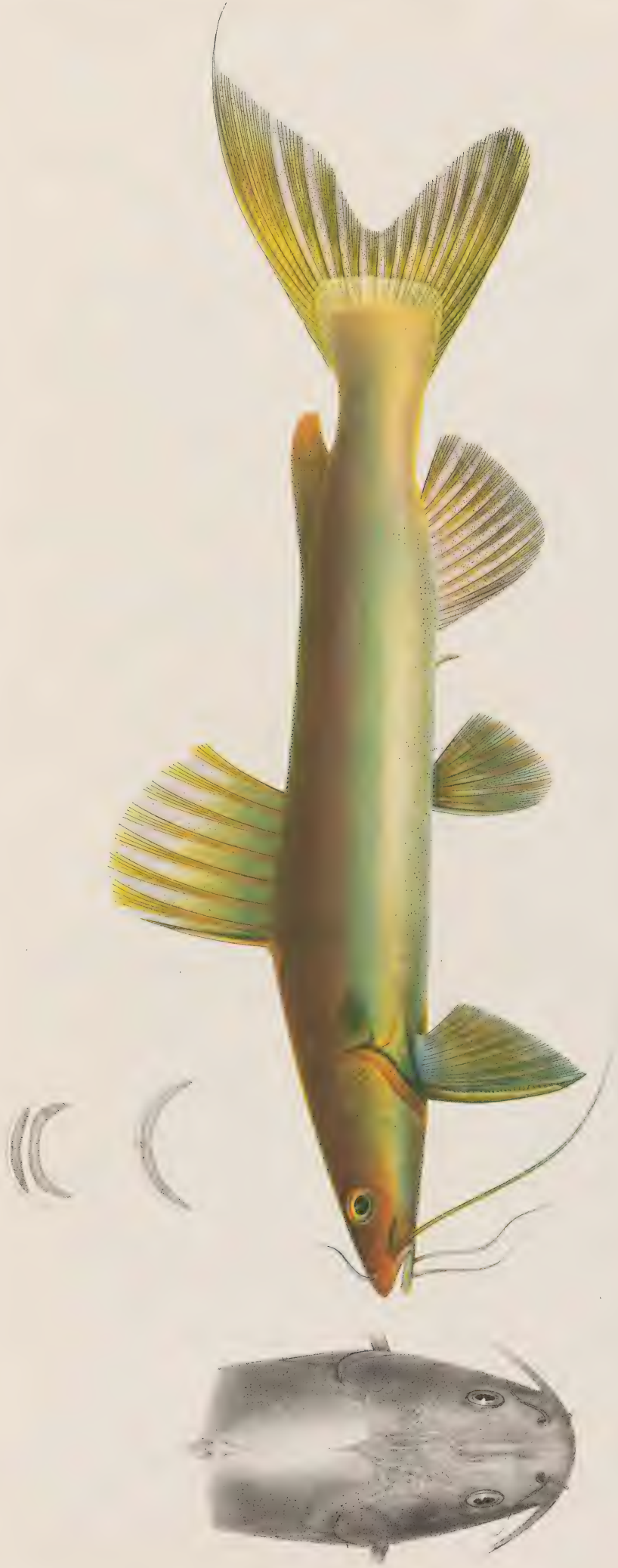
Chromolith. de CW Moehne.

L. Spengler delin.

Hemibarbus Steud.

P. Bleeker del.

**BLANK
PAGE**



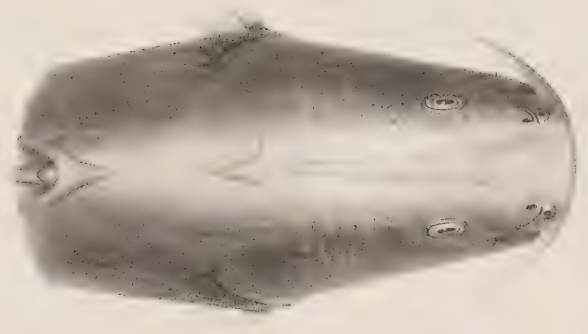
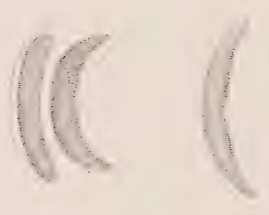
P. Bleeker. delin.

L. Spengler. delin.

Chromolith. de C.W. Meising.

Hemibarbus planiceps Bl.

**BLANK
PAGE**



P. Bleeker.

Chromidion de C. A. B. 1872.

Monopterus albus

Chromidion de C. A. B. 1872.

**BLANK
PAGE**



P. Bleeker del.

L. Speijger delin.

Hypoclinemus macronotus Blinn.

Chromolith. de C.W. Mieling.

**BLANK
PAGE**



F. Bleeker del.

L. Speigler delin.

Chromolith. de C.W. Meiling

Fig. 1. *Hypoclinemus Wolffi*. Blkr. Fig. 2. *Aspidoclinemus guttic.* Blkr. Fig. 3. *Hypoclinemus micracanthus.* Blkr.

**BLANK
PAGE**



P. Boeckle del.

L. Speigler delin.

Chromolith. de C.W. Meiling

Fig. 1. *Pseudotropheus brachypterus* Blkr. Fig. 2. *Lates hexanema* Blkr. Fig. 3. *Pseudotropheus macronema* Blkr.

**BLANK
PAGE**



Chromodallus de C. W. Moring

L. Spengler delin

Pseudorasbora parva Steindachner

P. Bleeker del.

**BLANK
PAGE**



1. Spargius dalm.

2. Spargius dalm.

Chromolith. de C. W. Meising.

Fig. 1. "Pseudopangasius nasutus. Blk." Fig. 2. "Pangasius mercurius. Blk."

**BLANK
PAGE**



P. Bleeker del.

L. Spengler delin.

Chromolith de C.W. Meising

Pseudopangasius polyanthus Bleeker

**BLANK
PAGE**

Fig. 1.



Fig. 2.



P. Bleeker delin.

L. Spetinger delin.

Chromolith. de C.W. Meising

Fig. 1. *Melocophagus cyprianus* Blk. Fig. 2. *Pangasius niger* Blk.

**BLANK
PAGE**



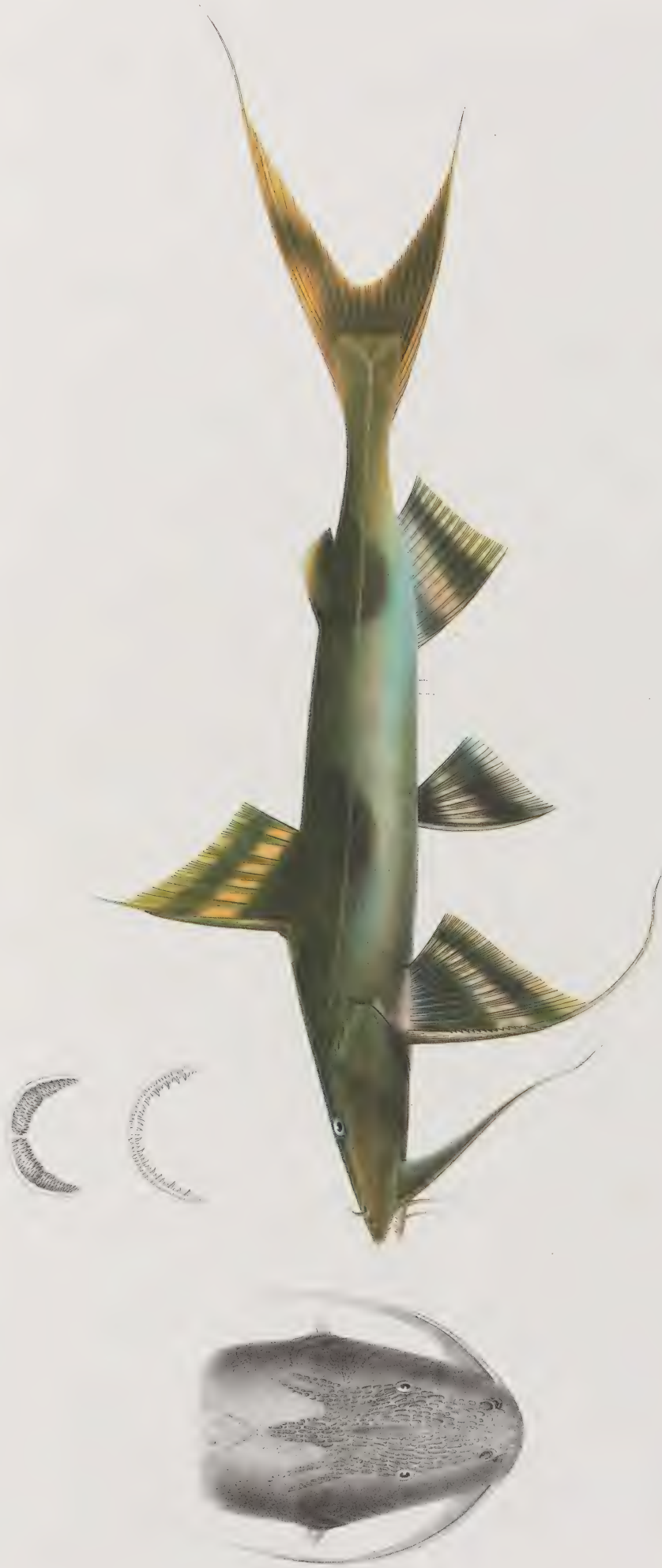
P. Bleeker del.

L. Speijger sculp.

Helicophagus Maudersii Bl.

Chromolith. de C.W. Meiburg

**BLANK
PAGE**



P. Bleeker del.

L. Spengler delin.

Pagrus Buchananii Blk.

Chronolith de CW Meising

**BLANK
PAGE**



P. Bleeker delin.

L. Speigler delin.

Chromolith. de C.W. Meising.

Fig. 1. Helicogobius typus. Blkr. Fig. 2. Hemipimelodus macrocephalus. Blkr. Fig. 3. Hemipimelodus bernierensis. Blkr.

**BLANK
PAGE**



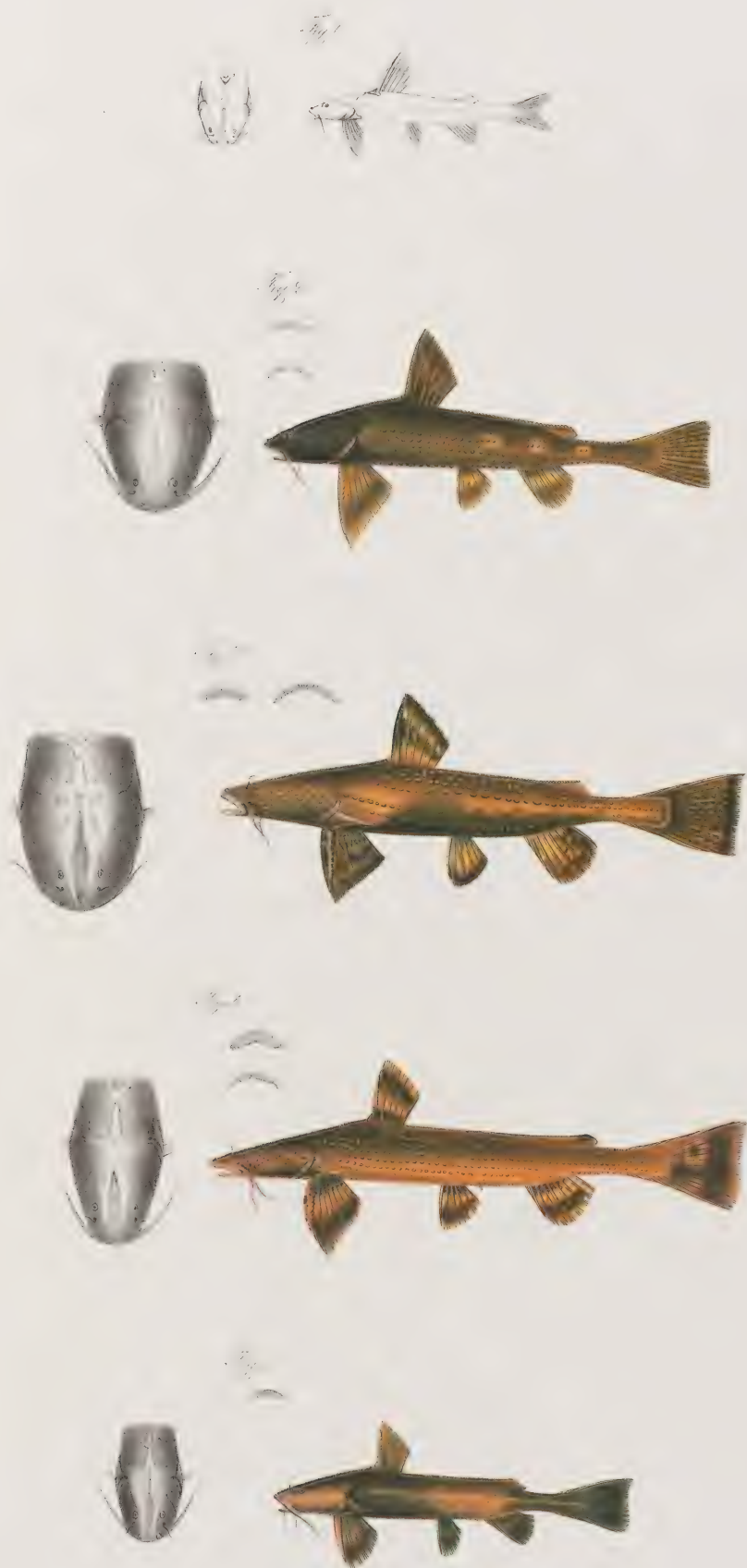
Bleeker del.

L. Speigler delm.

Chromolith. de C.W. Meising

Fig. 1. *Stypis variegatus* Blkr. Fig. 2. *Glyptothorax platypogonoides* Blyth. Fig. 3. *Glyptothorax platypogon* Blyth.
 Fig. 4. *Leiocassis nucha* Blkr. Fig. 5. *Leiocassis nucha* Blkr.

**BLANK
PAGE**



L. Speigler delin.

Chromolith. de C.W. Meising.

Fig. 1. *Alipia macronema*. Blkr. Fig. 2. *Arochordenchthys platycephalus* Blkr. Fig. 3. *Arochordenchthys melanogaster* Blkr.
 Fig. 4. *Arochordenchthys ischnosoma* Blkr. Fig. 5. *Arochordenchthys senatus* Blkr.

**BLANK
PAGE**



P. Bleeker dij.

L. Speigler delin.

Chromolith. de C.W. Meiding.

Mullus Loricatus

**BLANK
PAGE**



P. Bleeker dit.

L. Spengler delin.

Chromolith. de C.W. Moeberg

*Fig. 1. Halibut, *Pseudopleuronectes americanus*. Fig. 2. *Pseudopleuronectes americanus*, 244.*

**BLANK
PAGE**



Bleeker del.

L. Spengler delin.

Chromolith. de W. Meising

Fig. 1. *Silurus asotus* (L.) Fig. 2. *Silurus asotus* (L.) Fig. 3. *Silurus asotus* (L.) Fig. 4. *Silurus asotus* (L.) Fig. 5. *Silurus asotus* (L.) Fig. 6. *Silurus asotus* (L.) Fig. 7. *Silurus asotus* (L.) Fig. 8. *Silurus asotus* (L.) Fig. 9. *Silurus asotus* (L.) Fig. 10. *Silurus asotus* (L.) Fig. 11. *Silurus asotus* (L.) Fig. 12. *Silurus asotus* (L.) Fig. 13. *Silurus asotus* (L.) Fig. 14. *Silurus asotus* (L.) Fig. 15. *Silurus asotus* (L.) Fig. 16. *Silurus asotus* (L.) Fig. 17. *Silurus asotus* (L.) Fig. 18. *Silurus asotus* (L.) Fig. 19. *Silurus asotus* (L.) Fig. 20. *Silurus asotus* (L.) Fig. 21. *Silurus asotus* (L.) Fig. 22. *Silurus asotus* (L.) Fig. 23. *Silurus asotus* (L.) Fig. 24. *Silurus asotus* (L.) Fig. 25. *Silurus asotus* (L.) Fig. 26. *Silurus asotus* (L.) Fig. 27. *Silurus asotus* (L.) Fig. 28. *Silurus asotus* (L.) Fig. 29. *Silurus asotus* (L.) Fig. 30. *Silurus asotus* (L.) Fig. 31. *Silurus asotus* (L.) Fig. 32. *Silurus asotus* (L.) Fig. 33. *Silurus asotus* (L.) Fig. 34. *Silurus asotus* (L.) Fig. 35. *Silurus asotus* (L.) Fig. 36. *Silurus asotus* (L.) Fig. 37. *Silurus asotus* (L.) Fig. 38. *Silurus asotus* (L.) Fig. 39. *Silurus asotus* (L.) Fig. 40. *Silurus asotus* (L.) Fig. 41. *Silurus asotus* (L.) Fig. 42. *Silurus asotus* (L.) Fig. 43. *Silurus asotus* (L.) Fig. 44. *Silurus asotus* (L.) Fig. 45. *Silurus asotus* (L.) Fig. 46. *Silurus asotus* (L.) Fig. 47. *Silurus asotus* (L.) Fig. 48. *Silurus asotus* (L.) Fig. 49. *Silurus asotus* (L.) Fig. 50. *Silurus asotus* (L.) Fig. 51. *Silurus asotus* (L.) Fig. 52. *Silurus asotus* (L.) Fig. 53. *Silurus asotus* (L.) Fig. 54. *Silurus asotus* (L.) Fig. 55. *Silurus asotus* (L.) Fig. 56. *Silurus asotus* (L.) Fig. 57. *Silurus asotus* (L.) Fig. 58. *Silurus asotus* (L.) Fig. 59. *Silurus asotus* (L.) Fig. 60. *Silurus asotus* (L.) Fig. 61. *Silurus asotus* (L.) Fig. 62. *Silurus asotus* (L.) Fig. 63. *Silurus asotus* (L.) Fig. 64. *Silurus asotus* (L.) Fig. 65. *Silurus asotus* (L.) Fig. 66. *Silurus asotus* (L.) Fig. 67. *Silurus asotus* (L.) Fig. 68. *Silurus asotus* (L.) Fig. 69. *Silurus asotus* (L.) Fig. 70. *Silurus asotus* (L.) Fig. 71. *Silurus asotus* (L.) Fig. 72. *Silurus asotus* (L.) Fig. 73. *Silurus asotus* (L.) Fig. 74. *Silurus asotus* (L.) Fig. 75. *Silurus asotus* (L.) Fig. 76. *Silurus asotus* (L.) Fig. 77. *Silurus asotus* (L.) Fig. 78. *Silurus asotus* (L.) Fig. 79. *Silurus asotus* (L.) Fig. 80. *Silurus asotus* (L.) Fig. 81. *Silurus asotus* (L.) Fig. 82. *Silurus asotus* (L.) Fig. 83. *Silurus asotus* (L.) Fig. 84. *Silurus asotus* (L.) Fig. 85. *Silurus asotus* (L.) Fig. 86. *Silurus asotus* (L.) Fig. 87. *Silurus asotus* (L.) Fig. 88. *Silurus asotus* (L.) Fig. 89. *Silurus asotus* (L.) Fig. 90. *Silurus asotus* (L.) Fig. 91. *Silurus asotus* (L.) Fig. 92. *Silurus asotus* (L.) Fig. 93. *Silurus asotus* (L.) Fig. 94. *Silurus asotus* (L.) Fig. 95. *Silurus asotus* (L.) Fig. 96. *Silurus asotus* (L.) Fig. 97. *Silurus asotus* (L.) Fig. 98. *Silurus asotus* (L.) Fig. 99. *Silurus asotus* (L.) Fig. 100. *Silurus asotus* (L.)

**BLANK
PAGE**



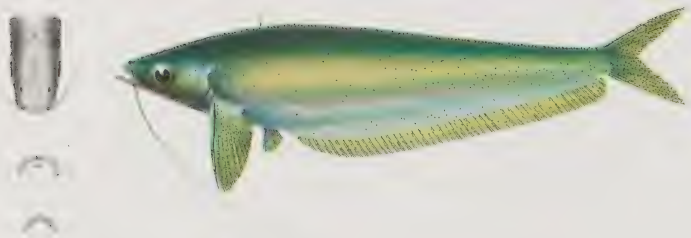
P. Bleeker del.

L. Speijker del.

C. W. Meisinger del.

Fig. 1. Silurides macronus. Blk. Fig. 2. Silurides hypophthalmus. Blk.

**BLANK
PAGE**



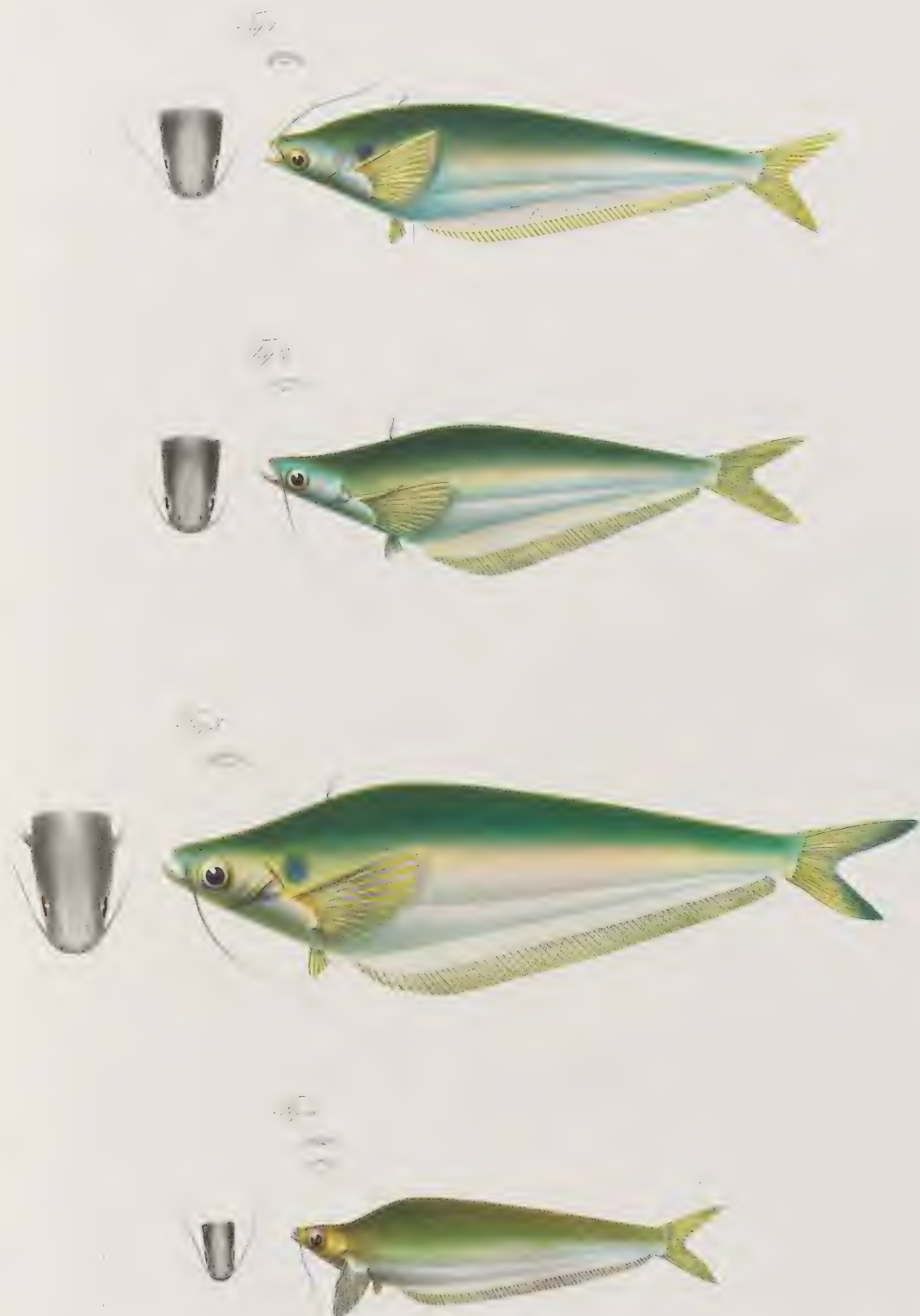
E. Bleeker del.

L. Speigler delin.

Chromolith. de C. W. Meiling.

Fig. 1. *Kryptopteryx macrocephalus* Blkr. Fig. 2. *Callichthys latianthus* Blkr. Fig. 3. *Kryptopterus micropus* Blkr.

**BLANK
PAGE**



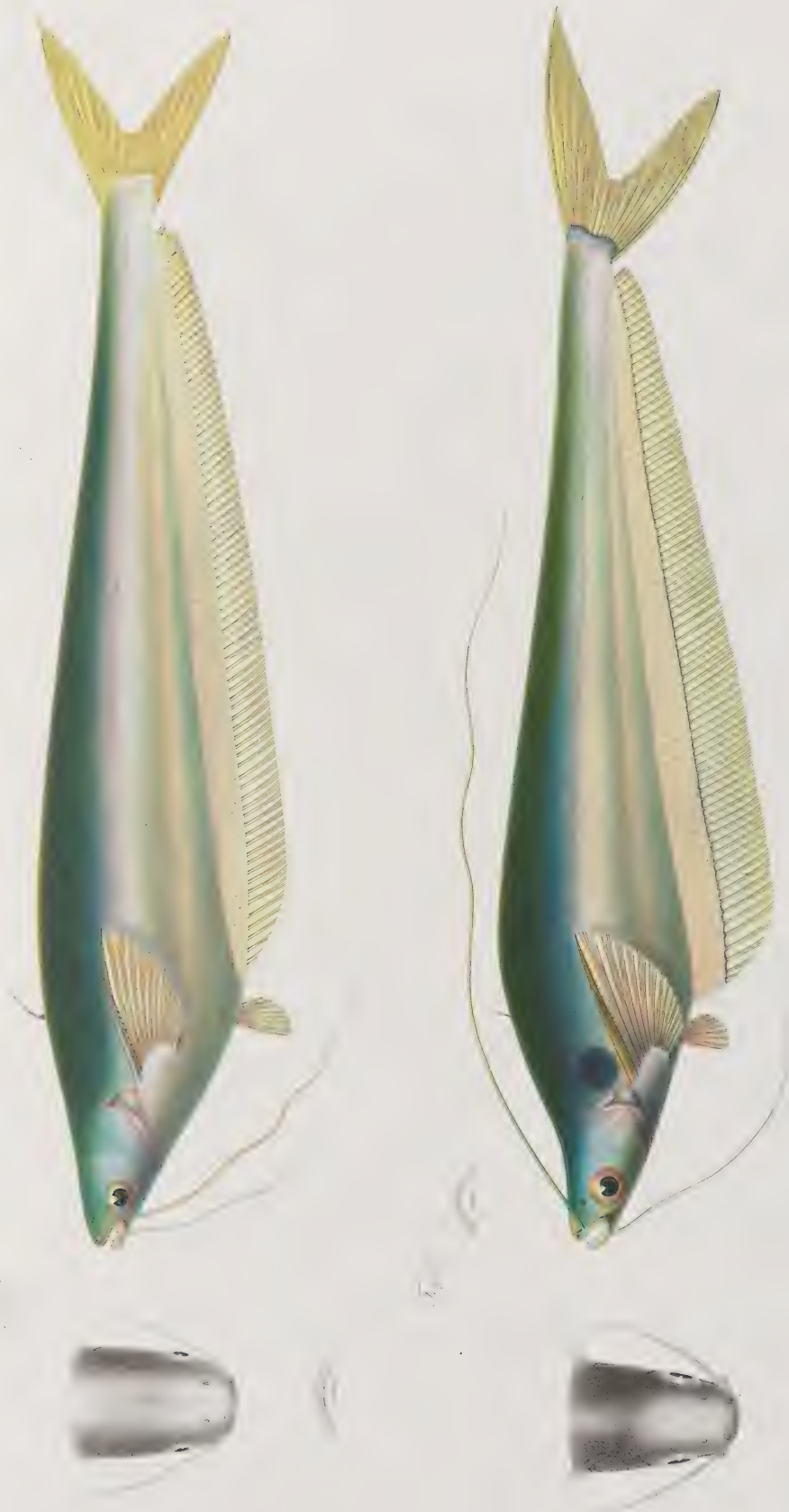
P. Bleeker del.

L. Spengler del.

Chromolith. de C.W. Meising

Fig. 1. *Kryptopteryichthys bicirrhos* Blkr. Fig. 2. *Kryptopteryichthys lais* Blkr. Fig. 3. *Kryptopteryichthys pademelangerensis* Blkr.
Fig. 4. *Hemusilurus schellbeides* Blkr.

**BLANK
PAGE**



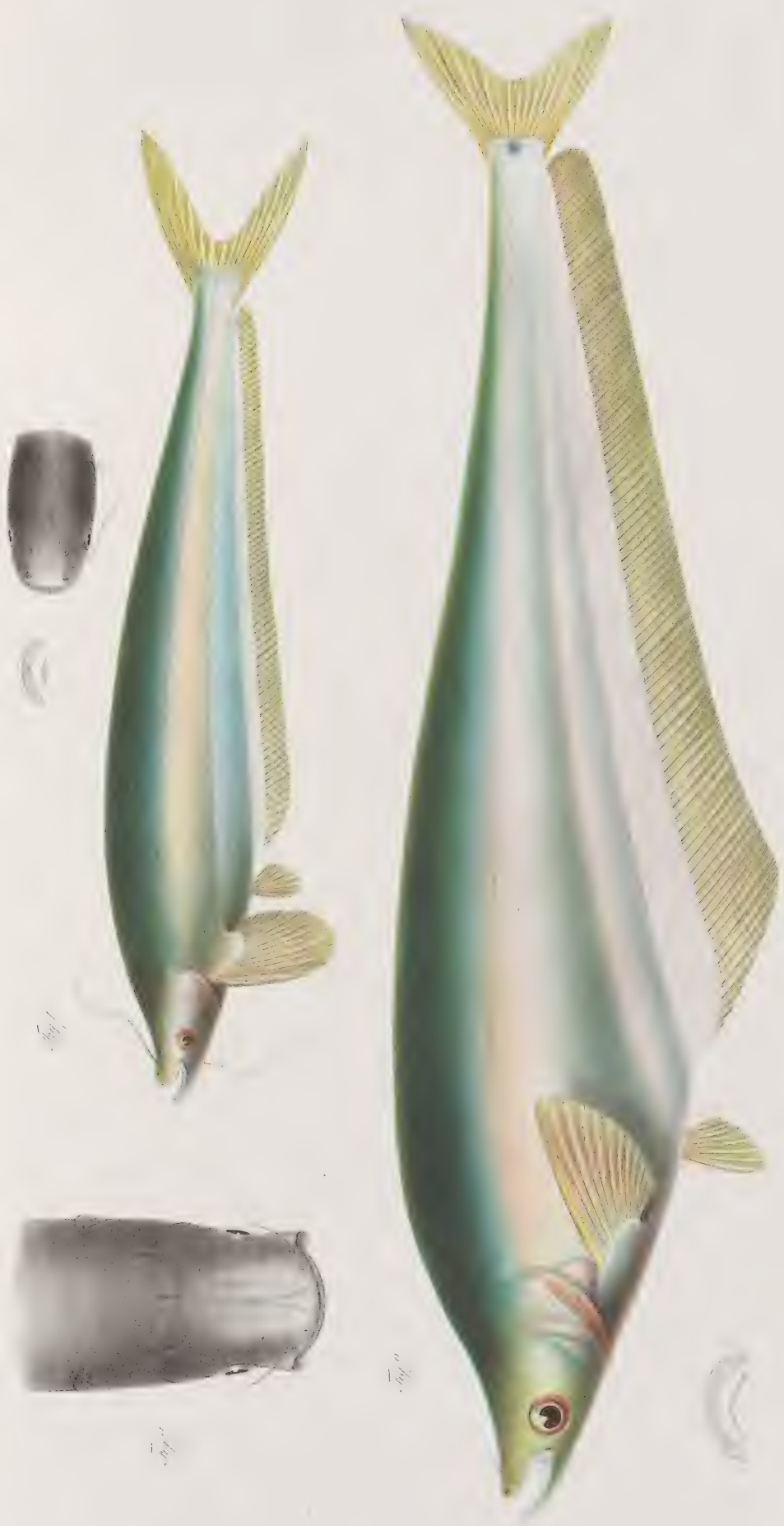
P. Bleeker del.

L. Spiegler delin.

Chromolith. de C.W. Meisinger

Trichopterus monacensis Bl. Tr. Trichopterus. Imper. 1865

**BLANK
PAGE**



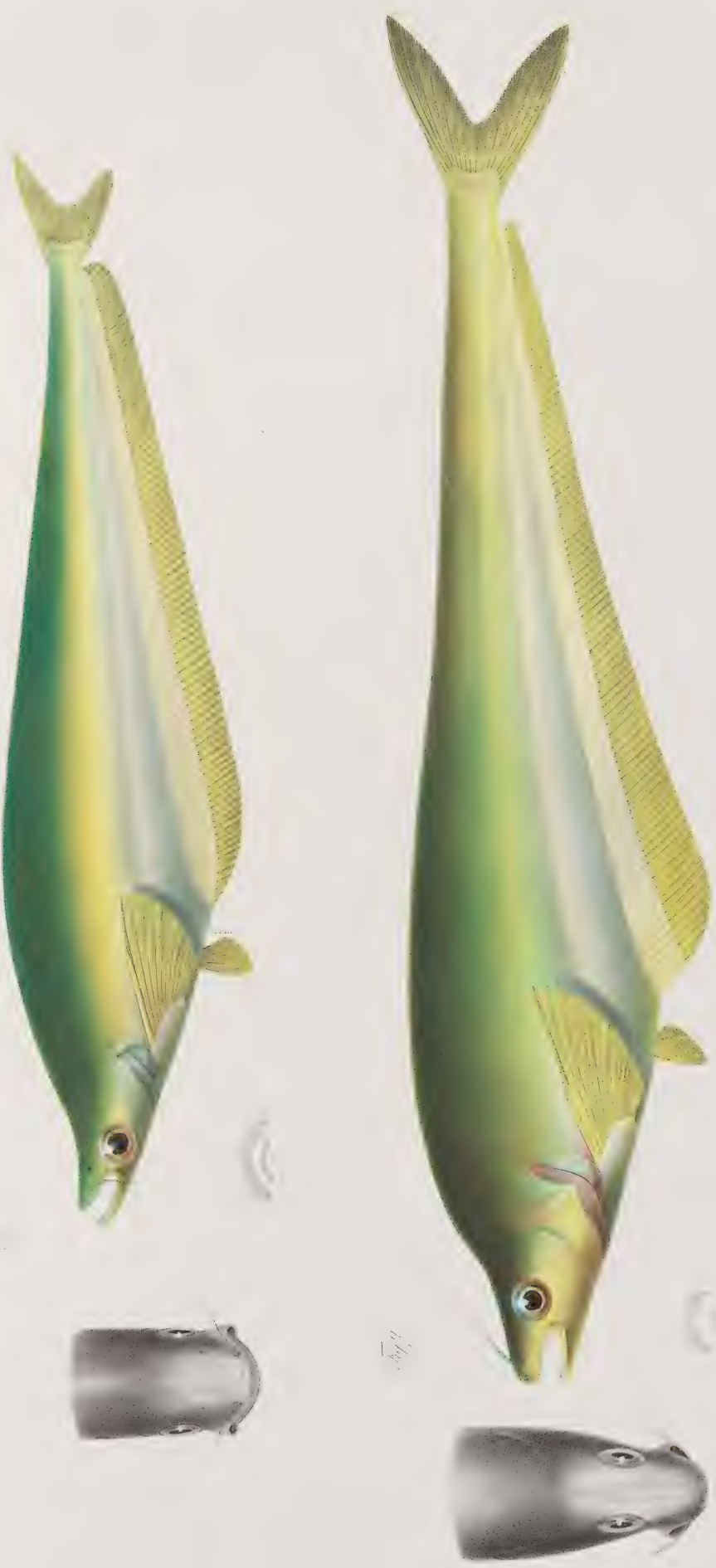
Chromolith. de C.W. J. Schlegel

L. Sprenger delin.

Fig. 1. *Hieracium hexapteris* Bl. Fig. 2. *Hieracium cyaneum* Bl.

P. Bleeker del.

**BLANK
PAGE**



P. Bleeker lit.

L. Sprenger delin.

Chromolith. de C.W. Meeling

Fig. 1. *Hemibarbus typus* Blk. Fig. 2. *Hemibarbus heterochrysurus* Blk.

**BLANK
PAGE**



oberer Theil

L. Speigler delin.

Veranstalt. d. C. W. Meissner

Fig. 1. *Thalassomus microstomus* Blk. Fig. 2. *Thalassomus leptocephalus* Blk.

**BLANK
PAGE**



P. Bleeker del.

L. Speigler delin

Chromolith. de C.W. Meising.

Fig. 1. *Helostus microcephalus* Latr. & Val. Fig. 2. *Helostus arabicus* Blkr. Fig. 3. *Chaca bankanensis* Blkr.

**BLANK
PAGE**



Chromolith. de C.W. Moeding

L. Spengler delin.

P. Bleeker del.

Fig. 1. Silurus asotus, Valenciennes, Poiss. Fig. 2. Silurus asotus, Valenciennes, Poiss.

**BLANK
PAGE**



Silurus asotus (L.) *Silurus biwaensis* (Temm.)

**BLANK
PAGE**



Fig. 1.



Fig. 2.



Fig. 3.

Fig. 4.

Fig. 5.

Fig. 1. Clarias fimbriatus, Bloch. Fig. 2. Clarias batrachus, Bloch.

**BLANK
PAGE**



Silurus (Silurus) asotus, Temminck & Schlegel, Atlas Ichth. Néerl. Pl. 1. 1. 1.

**BLANK
PAGE**

SILURIDÆ

PL. 2



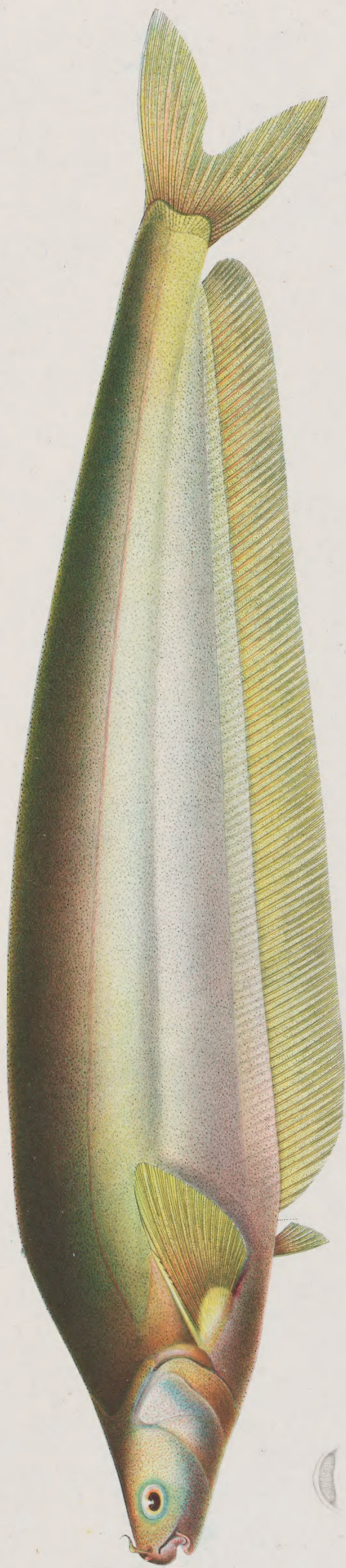
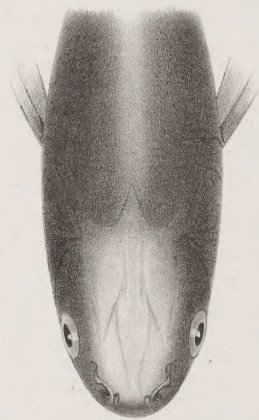
1840

Spes. illustr.

Mormon. (Linn. 1840)

Chromolith. de C. W. Meinel

**BLANK
PAGE**



P. Bleeker delin.

L. Spangler delin.

Chromolith. des C. W. Meisinger

Hemistichus schrenkii Blk.

**BLANK
PAGE**

Date Due

~~OCT 8 1947~~

APR 9 1948

